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1956 *Mum Book*



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U. S. Department of Agriculture



- Year Round Schedules
for Pots and Cut Flowers
- Garden Mums
- Cultural Information

ALEC HENDERSON INC.

Seeds - Bulbs - Plants - Florist and Greenhouse Supplies

1305 WEST RANDOLPH STREET

CHICAGO 7, ILLINOIS

MUMS FOR 1956

TERMS AND CONDITIONS OF SALE

SOLD ONLY IN MULTIPLES OF 50 OF A VARIETY. PRICES QUOTED F.O.B. GROWING STATION AND SUBJECT TO CHANGE WITHOUT NOTICE. PRICE VARIES DEPENDING ON QUANTITY OF EACH VARIETY ORDERED.

CHANGES or CANCELLATION on orders must be received at least 30 days prior to shipping date. 2% discount for payment 10 days from date of invoice. Net 60 days.

Any cash orders specifying shipment via Parcel Post or Parcel Post Special Delivery or other methods requiring prepayment of carriage charges must include cost of same.

Sliding scale of prices for different quantities of each variety, as shown, is the only variation in pricing.

SHIPPING INFORMATION

All cuttings are shipped Railway Express, Air Freight or Air Express, collect. If you have any preference, designate on your order; otherwise our shippers will use their best judgment.

Our cuttings are supplied from experienced growers and shippers. The transportation company accepts them in good condition. If there is any shortage or damage from freezing or heating, have the carrier write a full description on a damage report. When possible, inspect the shipment before signing the delivery receipt.

(1) DAMAGE REPORT. (2) ORIGINAL INVOICE, and (3) UNIFORM BLANK FOR PRESENTATION OF LOSS AND DAMAGE CLAIMS should be forwarded to the carrier within 5 days.

YOU MUST FILE CLAIMS, as our responsibility ceases when the carrier accepts shipment. We cannot be responsible for the safe arrival of your cuttings.

DISCLAIMER

In keeping with trade custom, and as we exercise no control over the conditions under which stock is planted and grown by the purchaser, we will not be responsible for the results produced. Our liability in all instances is limited to the purchase price of the stock.

We will not be responsible for any errors or omissions. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason.

We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. Claims for deterioration in transit must be made against carrier, and we assume no responsibility for them. NO RETURNS OF CUTTINGS WILL BE ACCEPTED. All orders subject to acceptance by home office.

In case the buyer's financial standing appears unsatisfactory to the seller at any time before shipment, the seller reserves the right to demand payment in advance; and, failing to receive it from the buyer, to declare order null and void without notice to the buyer notwithstanding acceptance and/or acknowledgment having been made.

CHECK ACKNOWLEDGMENTS

It is most important to read our acknowledgment of your order. This indicates delivery date our grower estimates can be made. It frequently happens that we have to list a different delivery date than the one called for, and it is necessary that you know this when the order is confirmed.

VARIETY LISTINGS

Both Pompon Types and Standards in our list are grouped by color and number of weeks normally required to flower when grown under controlled blooming programs. 8-week varieties require 8 weeks to come into bloom after shading is started for summer and early fall blooming, or 8 weeks after lights are discontinued and shading is started for late winter and spring blooming. 9-week varieties require 9 weeks, 10-week varieties require 10 weeks, etc. These groupings are based on conditions at the 40th parallel, and there would be some variations in localities very much farther north or south of this latitude. Normal blooming dates are also indicated.

SUBSTITUTIONS

We will substitute varieties as good or better for any items not listed in this catalog, unless order is marked **No Substitutions**.

ABBREVIATIONS USED IN OUR LIST

L. — Large
S. — Small
M. — Medium
T. — Tall

Br. — Bronze
Lav. — Lavender
Pk. — Pink
Wh. — White

Yel. — Yellow
Dk. — Dark
Dec. — Decorative
Inc. — Incurved

Int. — Intermediate
Anem. — Anemone
Pom. — Pompon
Sgl. — Single

BETTER MUMS FOR '56

CONTENTS

	Page		Page
Cultural Information	1	Pot Culture	11
New Varieties for 1956	3	Garden Varieties	37
Year 'Round Information	7	Pompons	20
Year 'Round Cut Schedules	8	Standard Varieties	33
Year 'Round Pot Schedules	14	Collections	32
		Index	44

PRICES FOR 50 OR MULTIPLES OF 50 OF A VARIETY PER SHIPMENT

PRICE 50 ONLY	PRICES PER 100			
	100 - 250	300 - 450	500 - 950	1000 Up
\$2.75	\$ 5.25	\$ 5.00	\$ 4.75	\$ 4.50
3.00	5.75	5.50	5.25	5.00
3.25	6.25	6.00	5.75	5.50
3.50	6.75	6.50	6.25	6.00
3.75	7.25	7.00	6.75	6.50
4.00	7.75	7.50	7.25	7.00
5.00	9.75	9.50	9.25	9.00
6.25	12.25	12.00	11.75	11.50
7.50	14.75	14.50	14.25	14.00

MUM — Cultural Information

Start out with the best cuttings available. Our stock is produced and shipped by Chrysanthemum Specialists. These top grade cuttings are carefully packed and labelled. There are none better.

CARE OF CUTTINGS WHEN RECEIVED

Upon arrival of the cuttings examine them immediately. If they have been delayed in transit, some damage may have occurred along the way. If the roots should be dry and plants are wilted, soaking them in about 1 inch of water for about 1 hour will revive them greatly.

If they should have become heated and some fungus has developed, dipping them in a solution of Fermate, 2 tablespoons-full to 1 gallon water, will stop any further spread of the fungi. Of course, if the shipment has been delayed too long and the plants have stretched or turned yellow, or should be badly frozen, file claim with the Transportation Company immediately.

SOILS

Chrysanthemums will grow in about any type of soil provided it has reasonable drainage. Steam sterilization before planting, if it is possible, will prevent disease and weed growth. The soil should be low in nitrates at planting time, but should be built up by feeding after the plants have made several inches of new growth.

WATERING

Chrysanthemums require lots of water, especially when grown on raised benches and if you have a good porous, well drained soil. Water heavily after planting and then spray or sprinkle plants for a few days until they have taken hold. Do not let them wilt if possible. Once the foliage gets heavy do not water overhead and by no means allow the foliage to be wet overnight. Keep the foliage dry and the soil moist.

PLANTING AND SPACING

Plant cuttings shallow, not over one inch deep and directly to permanent benches if possible, soon as the cuttings are received. Keep roots of the cuttings protected at all times while planting. Exposure, especially to hot sun and wind, will destroy the root action in a few seconds.

Be sure not to let them stay too long in this crowded condition. Shading newly planted stock on very hot sunny days for the first couple of days will help considerably, as well as, frequent spraying with water over the tops of the cuttings. They should not be allowed to wilt.

Spacing will depend on the quality desired as well as the time of year and number of pinches. Standards are generally spaced 7 x 8 or 8 x 8, grown two stems to the plant. Some growers allow three flowers to come on the outside rows where light is more abundant. For single stem culture 6 x 6 or 6 x 7 is ample. Pompon spacing depends on method of pinching and varieties. Some varieties have much heavier foliage than others and require more space. For the one pinch method 7 x 8 or 8 x 8 is fairly standard. For 2 pinch method 8 x 9 or 9 x 9 will be sufficient. For single stem production 4 x 6 or 4 x 7 is about right. The general rule followed is to give each flowering shoot approximately 20 sq. in of space.

SUPPORT

To grow good flowers with good stems it is essential to keep the plants properly supported at all times.

The wires and cross string method is least work, most economical and practical. Start supporting the plants soon as they are established and either add additional layers of wires and cross strings or move the first layer up about every 10 to 15 days depending on growth.

SHADING

When using shade on Pompons, the shade must be continued until the whole bed is uniform in color. In the case of large Mums, the shade can be removed as soon as all the buds are selected.

Pot mums the year around can be grown with little effort. To those interested, we will, on request, send complete growing instructions and blooming schedule.

PINCHING

Pinching means the stopping of the upright growth of the plants by cutting or breaking off the growing tip of the plant stem. It is done to increase the number of stems per plant, to control type of bud formation and to keep plants shorter

in growth. This will cause a number of breaks or shoots to appear. The plants should be pinched soon after the cutting takes hold and starts to grow freely. Usually only the tip of the stem is removed when under fast modern production. Do not pinch down into the hard stem. Thinning the breaks down to about 3 shoots to the plant on pompon varieties and 2 shoots on the Standards usually give best results. Normal pinch dates are given in the general listing of varieties. For the off season cut flower or pot plant program refer to pinch dates in the desired schedule.

INSECTS — PREVENTION AND CONTROL

It is very important to keep the stock clean and free of injurious insects. The best way to insure this is to start spraying the plants about two weeks after planting and to spray at intervals of every two or three weeks until color shows. You will find it easier to keep them clean than to wait until infestation shows up and causes damage, then have the task of trying to get the best of it.

DISBUDDING

It is extremely important that you take the time to select the flowering buds on Standards as soon as they appear and are sizeable enough to remove. If the crop was planted and pinched on or near the recommended dates, flower the first bud that appears. In other words, as soon as a bud of any kind appears, remove all side shoots and let the center bud flower.

WHAT CAUSES PREMATURE BUDDING OF CHRYSANTHEMUMS DURING THE SPRING MONTHS, AND WHAT TO DO TO PREVENT IT

Bud initiation can occur anytime during the spring months, whenever your temperatures in the greenhouses are consistently 60 degrees Fahrenheit or above, and the days are short enough to initiate bud setting. These conditions can occur anytime up until May 1st depending upon the variety and the locality in which they are being grown. Some varieties such as the garden varieties and early shading varieties require very little short day treatment, coupled with high temperatures to initiate buds. This same tendency to set bud readily is what makes these varieties desirable for early shading and garden work.

In order to prevent this premature setting of buds, these same varieties should be placed where they can be given additional light during the early spring months. Use 60 watt bulbs spaced 4 feet apart and 30 inches above the plants. Use the lights for a period of two hours each night after dark up until May 1st, then discontinue lighting.

Pompons, Decoratives, Singles and Anemones

WHITE

GARDENIA (7) Oct. 8 (DePetris) \$4.00

Intermediate decorative. Ivory. Compact. Responsive. Vigor improves Ostosa. MEDIUM TREATMENT for March thru June and September thru mid October pot plant programs. Prolific and showy garden variety.

PILGRIM (8) Oct. 15 (YB) \$4.00

Intermediate pompon. Clear white. Temperature tolerance of Chris Columbus. Improving that variety in all respects. SHORT PROCEDURE for April thru June and September thru mid October pot plant programs. Durable, compact garden variety.

BLIZZARD (8) Oct. 15 (YB) \$4.00

Small formal pompon. Clear white. Temperature tolerance of Norona. Durable. Productive. Spray programs May thru September. Cloth house July and August. Color and form greatly improve Norona.

MONTY (9) Oct. 25 (U. of Montana) \$4.00

Large clear white decorative. Breaks freely, spreads well. Supplements and strengthens the white pot plant program. MEDIUM TREATMENT for pots March thru December. More durable than Wilson's White.

WHITE KEEPSAKE (9) Oct. 25 (Ralph Luce & Son) \$4.00

Intermediate Ivory pompon. Selection from Keepsake. Like White Popcorn, it is devoid of pink tinges at low temperatures. Spray programs April thru October. Cloth house July thru mid October. At high temperature finish, more ivory than Keepsake.

VESTA (9) Oct. 25 (DePetris) \$3.50

White button with good form. Blooms are produced on good stems with excellent sprays.

VENONA (9) Oct. 30 (DePetris) \$3.50

Large white daisy suitable for sprays or disbuds. Has a prominent large disc. Blooms are produced on vigorous growth and strong stems.

ALASKA (9) Nov. 1 (YB) \$4.00

Intermediate white anemone with white cushion. Temperature tolerance of Shasta. Productive and responsive. Versatile. Spray program mid April thru mid Nov. Cloth house July thru mid Oct. Short crop disbuds April thru Nov. TALL PROCEDURE for pots in the same period. A greater degree of cushion development than Shasta in summer temperatures.

ICEBERG (10) Nov. 5 (YB) \$4.00

Large pompon. Chalk white. Tall, vigorous growth. Color clarity of Whitetop and Belray. Best as a year-round disbud. When not disbudded suggest adding one additional long day week for best spray formation. Period of flowering as a spray—mid-April thru mid-November. Temperature tolerance of Whitetop. Tolerates summer temperatures well.

LOLITA (10) Nov. 8 (DePetris) \$3.50

Pure white daisy suitable for sprays, unusually good form and substance. Good growth habit and production. Medium height. A very good white daisy.

ILL. GLACIER (12) Dec. 1 (U. of Illinois) \$4.00

Large anemone. Clear white with white cushion. Durable. Productive. Uniform response. Spray and short disbud crops. October thru December and March thru April. Improves Long Island Beauty in color, form and keeping quality.

DOLOMITE (13) Dec. 13 (DePetris) \$4.00

Intermediate pompon. Clear white. Smaller, later version of Carrara. Taller, more vigorous. Spray programs mid November thru December. Adds quality and color clarity to the December season.

WHITE RIVIERA (14) Dec. 15 \$3.75

Intermediate decorative. Ivory. Equal in size, form, and vigor to parent variety Riviera. Spray programs Dec. thru Feb. Does not show pink tinges with low temperature finish.

ILLINI CASCADE (15) Jan. 5 (U. of Illinois) \$4.00

Large decorative clear white. Improves the color, size, vigor, and response of Ill. Snowbound. Tall, responsive. Finishes well at high (60°) or low (50°) temperature. Spray programs late December thru February.

YELLOW

SYBIL (9) Oct. 25 (DePetris) \$4.00

An excellent multi-petalled daisy having a large broad petalled form with very good substance. Color is yellowish apricot of a very appealing hue. Excellent stem and foliage with outstanding production.

MORIBANA (9) Oct. 28 (DePetris) \$3.75

Intense golden spider with a prominent disc. Very good substance with strong stems. An excellent spider of lasting quality.

YELLOW BEAUREGARD (10) Nov. 5 (YB) \$4.00

Intermediate pompon. Clear golden yellow at all temperatures. Selection from Orange Beauregard and identical in habit. Urgently needed 10 week yellow. Temperature tolerance of parent variety. Especially valuable in summer greenhouse and cloth house programs.

JEALOUSY (10) Nov. 10 (YB) \$4.00

Small pompon. Intense yellow, bright green eye. Hard, ball type. Durable. Prolific. Dependable. Spray programs mid March thru mid November. Cloth house August thru mid October. Valuable supplement to Gold Coast. Shapes up well as a pot plant using TALL TREATMENT.

LUXURY (10) Nov. 8 (YB) \$4.00

Large decorative. Clear yellow when restricted to high temperature flowering. Superb short disbud June thru October. Vigorous, responsive. Disbudded spray programs May thru October. Cloth house August thru mid September.

YELLOW IGLOO (10) Nov. 10 \$4.00

Small pompon. Deep lemon yellow. Selection from Illini Igloo with same habit and temperature tolerance. Spray programs April thru mid November. Cloth house late July thru mid October.

ILL. PETITE (10) Nov. 10 (Univ. Illinois) \$5.00

Very small orange yellow button. Prolific blooming habit. Quite useful for small floral pieces.

GOLD BALL (11) Nov. 15 (YB) \$4.00

Intermediate pompon. Golden yellow. Temperature tolerance improves Golden Chord and Forty Niner. Hard, durable. Size of Corsair. Outstanding in cloth house mid August thru mid October. Spray programs March thru May and September thru mid November. Valuable supplement to Forty Niner.

Numbers after variety indicates the Response Group.
Price indicated is for 50 cuttings.

Pompons, Decoratives, Singles and Anemones

YELLOW

ILLINI GOLDBLOCKS (11) Nov. 15

(U. of Illinois)

\$4.00

Intermediate decorative. Golden yellow. Tall, vigorous. Requires high light intensity for maximum production. Unsurpassed as a decorative in September, October cloth house. Spray program in October. Short disbud programs for October thru December. Requires 60°F or less to develop its flower buds.

CHEERIO (11) Nov. 15 (Winkler)

\$4.00

Intermediate anemone. Intense golden yellow. Productive. Form has class and quality. Blind tendencies in winter. Spray programs October thru November. Pot programs use TALL PROCEDURE for same period. Compact. Spreads well.

SULTAN (11) Nov. 22 (YB)

\$4.00

Large formal decorative. Golden yellow to amber at low temperatures. Large Orange Beauregard. Vigorous. Productive. Temperature tolerance of Forty Niner. Consistent performance at high temperatures. Disbudded spray and short disbud programs March thru November. Cloth house August thru mid October.

GOLDEN ACCLAIM (13) Dec. 5 (YB)

\$4.00

Intermediate pompon. Golden yellow. Selection from Acclaim. Intensification of Yellow Acclaim. Spray programs mid November thru mid March.

GOLDEN SNOWBOUND (15) Jan. 5

\$4.00

Intermediate decorative. Golden yellow. Color intensification of Ill. Yellow Snowbound. Natural flowering. Low temperature finish.

BRONZE

ORANGEADE (7) Oct. 10 (YB)

\$4.00

Intermediate daisy. Orange bronze. Vivid color. Compact. Prolific garden variety.

RED ETHRELDIA (8) Oct. 15

\$3.75

Intermediate anemone. Coral red. Dwarf. Compact. Responsive. Spreads well. Best color retention with low temperature finish. SHORT TREATMENT for pot plants mid September thru mid June.

RADIANCE (8) Oct. 15 (YB)

\$4.00

Intermediate decorative. Red. Breaks freely. Responds uniformly. Non-fading color. MEDIUM PROCEDURE for April thru May and mid September, early October pots. Color brighter, habit more prolific than Red Velvet. Valuable garden variety.

PAXON (8) Oct. 20 (DePetrus)

\$3.75

Luminous bronze pompon with deeply serrated petals resembling Ill. Snowdrift, but larger and more fuller, having small glossy finely cut foliage.

MRS. EISENHOWER (10) Nov. 5 (DePetrus)

\$3.75

Large golden bronze spider. Quills are slightly barbed and possess great substance. Very vigorous and tall growth. Good foliage and stem.

CLIMAX (10) Nov. 10 (YB)

\$4.00

Intermediate pompon. Intense orange. Temperature tolerance of Thelma. Improved vigor and production. Vivid color stimulates demand for bronze. Spray crops April thru mid November. Cloth house August thru mid October. Sets a new color standard.

AMBERHUE (10) Nov. 10 (YB)

\$4.00

Intermediate daisy. Orange-bronze. Improves Buccaneer in growth, form, production and color retention. Green eye. Durable. Spray programs May thru mid June and mid September thru October. Cloth house September thru mid October.

ILLINI WARPAINT (11) Nov. 22

(U. of Illinois)

\$4.00

Large decorative. Smooth maroon red. Heavy, vigorous growth. Restrict to low temperature finish. Versatile as short disbud October thru December; as disbudded spray and pot plant. Use TALL PROCEDURE for pots during same period. Cloth house mid September to mid October. Valuable for Christmas pot plants.

OLNURA (11) Nov. 22 (DePetrus)

\$4.00

Large anemone. Apricot bronze. Valencia size disbud. Superb color and form. Sharp response. Tall. Vigorous. Productive. Disbudded spray and short disbud programs March thru April and mid September thru November. An outstanding DePetrus achievement of superlative vigor and beauty.

PINK

NORTHERN QUEEN (7) Oct. 12 (DePetrus)

\$4.00

Intermediate decorative. Pink. Larger flower, more vigor than Petrisian Rose. A superb garden variety of semi-dwarf habit. Very hardy.

CUPID (7) Oct. 15 (YB)

\$4.00

Small decorative. Pink. Unique dahlia form. Prolific. Dwarf, masses and spreads as a garden variety. Disbud with SHORT TREATMENT for May thru early June and late September thru October pot plants.

ETHRELDIA (8) Oct. 15

\$3.75

Intermediate anemone. Orchid pink. Dwarf. Breaks freely. Responds well. High temperature color retention. Dependable pot plant with SHORT TREATMENT the year around.

REVEILLE (9) Oct. 25 (YB)

\$4.00

Small pompon. Pink. Extreme low temperature tolerance. Popcorn production. Requires low temperature finish. Shapely, with MEDIUM TREATMENT for pots during April thru mid June and late September thru October. Spray programs same period. Cloth house September thru mid October.

ELVIRA (9) Oct. 25 (DePetrus)

\$4.00

A semi-dwarf pink daisy suitable for growing in sprays, a good color, with low growth for growing on those side benches.

DELIGHT (10) Nov. 5 (YB)

\$4.00

Intermediate daisy. Pink. Tolerant to high temperature flowering. Productive. Durable. Striking color. Fresh appearance. Spray crops April thru mid November. Cloth house mid August thru mid October.

Numbers after variety indicates the Response Group.
Price indicated is for 50 cuttings.

Pompons, Decoratives, Singles and Anemones

PINK

ONECTA (10) Nov. 5 (DePetris) \$4.00

Pale pink quilled large flower. Quills are straight and possess unusual substance. Very strong semi-dwarf stems and excellent foliage. Suitable for novelty pots.

BONNIE (10) Nov. 10 (YB) \$4.00

Intermediate pompon. Pink. Temperature tolerance of Illini Igloo. Improves Pinkette form and color. Formal and hard. Pink Igloo. High temperature color retention. Spray crops late April thru mid November. Cloth house mid August thru mid October.

DK. PK. PANDORA (10) Nov. 10 (YB) \$3.75

Intermediate decorative. Dark pink. Selection from Pandora. Spray and short disbud programs mid May thru June and September thru mid November. Cloth house September thru mid October.

SALMON PANDORA (10) Nov. 10 (George) \$4.00

Intermediate decorative. Salmon. Selection from Bronze Pandora. Unparalleled color for fall cloth house and greenhouse.

SCINTILLATION (10) Nov. 10 (YB) \$4.00

Intermediate Pompon. Pink. Very vigorous. Superb cloth house variety mid August thru mid October. Greenhouse mid September thru mid November. Requires 60° bud initiation.

CELEBRATION (10) Nov. 12 (YB) \$4.00

Intermediate pompon. Salmon pink. Requires low temperature (max. 55°) finish for uniformity and color retention. Clean, productive habit. New, versatile color. Spray programs April thru June, mid September thru mid November. Cloth house September thru mid October.

ANTHEM (10) Nov. 12 (YB) \$4.00

Intermediate anemone. Pink. Production and durability exceed Memorial. Spray programs April thru mid June and mid September thru mid November. Cloth house August thru mid October.

DELMAR (11) Nov. 15 (DePetris) \$4.00

Intermediate pompon. Almaga pink. Vigorous, Productive. Distinctive dot color contrast. Improved Almaga habit. Spray crops and short disbuds March thru April; mid September thru November. Cloth house mid September thru mid October.

ILLINI ROSE GLOW (12) Nov. 25 (U. of Illinois) \$4.00

Intermediate pompon. Pink. Requires low temperature (max. 55°) finish. Productive. Best dissprayed. Mid October thru November. Responsive in March.

PINK SUPREME (14) Dec. 10 \$3.75

Large anemone. Pink. Habit resembles Imp. White Supreme.

ALVODA (14) Dec. 25 (DePetris) \$4.00

Large decorative. Smooth Portrait pink. One of the best for spray programs late November thru February. Free growth. Habit, size, & color improve Defiance, Debutante and Riviera. This variety contributes to the 14-week group what Almaga did to the 11-week group in the year round flowering programs.

For a 14-week pink to use in a flowering program grow Alvoda.

SOPHILIA (14) Dec. 25 (DePetris) \$4.00

Latest small pink pompon. Similar to Snowcrest in size and habit. Natural season flowering.

Standards

MARBLEHEAD (9) Oct. 25 (YB) \$4.00

Small incurve. Clear white. Temperature tolerance of Silver Sheen. Durable. Responsive. Best early white for short crop program May thru November.

LUNA (9) Oct. 25 (YB) \$4.00

Small incurve. Cream. Temperature tolerance of Indianapolis. Compact. Uniform. Restrict to pot plant programs. SHORT PROCEDURE January thru December.

SUSAN LEIGHTON (10) Nov. 6 \$3.75

Large spider. Ivory white. Standard and pot plant program. TALL PROCEDURE for pots October thru November. Intolerant of low light intensities. Finish cool. Supplements Queen's Lace with a much showier flower.

WHITE PETER JOHN (12) Nov. 25 \$3.75

Large decorative. Clear white. Standard and short crop programs November thru January. Intolerant of low temperature. 60° minimum for bud initiation; 55° for bud development. Sport from Peter John.

HONEYSWEET (8) Oct. 15 (DePetris) \$4.00

Semi-incurved disbud. Medium yellow. TALL PROCEDURE for May pots. Showy garden variety as a disbud. Durable at high temperatures.

VALIANT (8) Oct. 15 (DePetris) \$4.00

Small semi-incurve. Moonlight yellow. Large garden variety.

SUNBURST (8) Oct. 20 (DePetris) \$4.00

Intermediate reflexed decorative. Golden yellow. Vigorous. Prolific. TALL PROCEDURE for March thru December pots. Short crops May thru December. An outstanding supplement for Bonnaffon DeLuxe.

GEORGIA (8) Oct. 24 \$4.00

Intermediate incurve. Dark yellow. Dwarf. Compact. Improves Blazing Gold in the pot plant program. SHORT PROCEDURES mid March thru November. Intolerant to low light intensities.

YELLOW PETER JOHN (12) Nov. 25 \$3.75

Large decorative. Lemon yellow. Standard and short crop programs November thru January. Intolerant of low temperature. 60° minimum for bud initiation, 55° for bud development. Sport from Peter John.

YELLOW GLORY (12) Dec. 1 \$3.75

Intermediate incurve. Lemon yellow. Color mutation from December Glory. Standard and short programs mid November thru January.

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Standards

INDIANAPOLIS APRICOT (10) Nov. 5

(Hillside)

\$3.75

Intermediate incurve. Warm apricot bronze. A more versatile color than its parent Ind. Bronze. Size slightly smaller, habit stronger. Standard and short crops mid September thru mid May. TALL PROCEDURE for pots same period.

CALVERT'S GOLD (11) Nov. 20

\$4.00

Intermediate semi-incurve. Amber bronze. Form and non-fading color improve Apricot Queen. Standard and short crops mid October thru April. MEDIUM PROCEDURE for pot plants in same period.

BRONZE PETER JOHN (12) Nov. 25

\$3.75

Large decorative. Rust red suffused with yellow. Standard and short crop programs November thru January. Intolerant of low temperature. 60° minimum for bud initiation; 55° for bud development. Sport from Peter John.

CALVERT'S PINK (11) Nov. 17

\$4.00

Intermediate incurve. Orchid pink suffused with salmon. Standard and short crops November thru January. MEDIUM TREATMENT for pots in same period. Maximum 55° requirement for bud development. Rich color unsurpassed for Thanksgiving season.

PINK PETER JOHN (12) Nov. 25

\$3.75

Large decorative. Medium orchid pink. Best size of Peter Johns. Standard and short crop programs November thru January. Intolerant of low temperature. 60° minimum for bud initiation; 55° for bud development. Sport from Peter John.

DK. PINK PETER JOHN (12) Nov. 25

\$3.75

Large decorative. Color intensification of Pink Peter John.

Garden Mums—by DePetris

GLORIA

\$7.50

A very free flowering medium sized decorative pompon. Flowers are larger and more double than Chris Columbus. Good growth habits and foliage. Blooms Sept. 15th.

BENORA

\$7.50

Dwarf cushion type growth with excellent stems and foliage. Large 3" white flowers on well shaped plants. Blooms Sept. 20th.

ASTORIA

\$7.50

A very free flowering plant producing numerous sprays of deep lemon pompons on stiff stems. Blooms Sept. 28th.

FREYA

\$7.50

Very large deep golden yellow 4" blooms produced on medium upright growth, with excellent stems and foliage. Good flower placement. Blooms October 1st.

ARLORA

\$3.75

Beautiful large perfect shaped blooms well spaced on very rigid stems from well branched plants with bright green foliage. Flowers are bright lemon and fully double. Excellent specimen plant. Blooms October 10th.

MICHIGAN

\$7.50

Large clear yellow blooms fully 4" and larger across produced on beautiful vigorous plants with rigid stems. Should be disbudded and supported due to size of bloom. Good outside cut flower when protected from frost. Matures October 12th.

SUNBURST

\$7.50

Large cactus type 4" and larger when disbudded. Beautiful golden yellow blooms produced on vigorous plants with excellent foliage and stems. Should be supported since heavy rains and wind will blow the large bloom over. Matures October 12th.

CARIOCA

\$7.50

Another large flowered addition to the late garden varieties. Should be disbudded. Blooms are fully 4" across. Large decorative type, flowers are golden yellow and produced on good stems and foliage. Blooms October 12th.

TORONTO

\$7.50

Luminous bronze cushion type growth, producing masses of blooms on bushy plants. Excellent border variety. Blooms September 20th.

MOROCCO

\$7.50

Dwarf cushion type growth producing 3½" blooms in large quantities on well shaped plants. A reddish bronze border plant. Blooms October 1st.

CAPRICE

\$7.50

Large full decorative 4" blooms having a good deep apricot bronze color. Strong bushy semi-dwarf growth with excellent foliage. Blooms October 1st.

GRANADA

\$7.50

Very free flowering deep coppery bronze decorative intermediate size flower produced in masses on excellent stems and foliage. Medium height. Good secondary border plant. Blooms October 8th.

GLADIATOR

\$7.50

Large 4" full decorative orange red blooms produced on plants of medium height with upright stems and good foliage. Very free flowering considering size of bloom. Try disbudding this one. Blooms October 10th.

CRUSADER

\$7.50

Large double crimson red blooms 4 or more inches (larger when disbudded) produced on strong robust stems with very strong flower petioles. This is an outstanding specimen variety when disbudded for the late Mum garden or as China Mums. Blooms October 12th.

MAYFLOWER

\$7.50

Very hard solid pompons, soft luminous pink, borne atop perfect sprays and rigid stems. Excellent early cut flower. Blooms October 1st.

Numbers after variety indicates the Response Group.

Price indicated is for 50 cuttings.

YEAR AROUND CUT FLOWERS

This Schedule is set up for those who wish to grow a pinched crop. If you desire to grow single stem method, then plant on indicated pinch date.

We have confined this list to a small number of varieties, which means that these varieties have been grown and approved for off-season blooming by a large number of Growers in various parts of the U.S.A. and Canada, but does not mean that other varieties are of no value in off-season blooming.

We recommend that the 12, 13 and 14 week groups be bloomed only from December thru February, and the 8, 9, 10 and 11 week varieties from March thru November. This method has been found the best for most localities.

Any variety which sets bud readily and uniformly under Cloth House conditions will also respond well at other seasons of the year. If you have a variety which sets bud uniformly under these conditions in your locality, then you can feel sure it will also respond under lights. But if you have a variety which matures over a long period of time, you can be sure to have more trouble in off-season blooming.

The real problem in setting up a Year Around Chrysanthemum Cut Flower Schedule is to allow enough time during poor growing weather to produce the desired stem length as well as the best type of spray formation on Pompons.

The above reason is why it is impossible to set up one simplified Schedule which will work in every locality. If you are located in an area which is blessed with sunshine during November thru March, the same stem length can be reached 4 weeks quicker than in an area where light intensity is low. A good example is Florida versus Northern Ohio.

From May thru October, the difference in light intensities in most localities does not vary enough to make an appreciable difference in stem growth. For this reason, no allowances need be made for geographic locations during those months.

This schedule is based on the average amount of sunshine for Latitude 40° — 45° North — New England, New York, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Iowa, Minnesota, Wisconsin, Michigan, Washington and Oregon.

For every 5 degrees farther south, on any planting made during November thru February, you should allow 10 days less time between pinch and short days. This will compensate for the average amount of sunshine and the angle of the sun's rays in that particular locality.

Latitude 35° — 40° North — Southern New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, Kentucky, Tennessee, Southern Indiana, Southern Illinois, Missouri, Kansas, Colorado, Northern Arkansas, Northern Oklahoma, Southern Nevada, Southern Utah, Southern Ohio and Central California.

Latitude 30° — 35° North — Southern California, New Mexico, Arizona, North Texas, Southern Oklahoma, Southern Arkansas, Louisiana, Mississippi, Alabama, Georgia, South Carolina and Northern Florida.

Latitude 25° — 30° North — Central and Southern Florida and Southern Texas.

Where the schedule calls for lighting, 60 watt bulbs spaced 4 ft. apart and 30 inches above the plants will give sufficient light. Apply lights 3 hours each night, sometime between the hours of 8 P.M. and 5 A.M. as schedule indicates.

Year Round Cut Flower Schedule

PLANT	RESPONSE GROUP	LIGHT	PINCH	BLACK CLOTH	CUT
JAN. 5	{ 9 - Wk. 10 - Wk. 11 - Wk.	Jan. 5-Mar. 16 Jan. 5-Mar. 9 Jan. 5-Mar. 2	{ FEB. 2	{ MAR. 16	{ May 18
JAN. 19	{ 9 - Wk. 10 - Wk. 11 - Wk.	Jan. 19-Mar. 30 Jan. 19-Mar. 23 Jan. 19-Mar. 16	{ FEB. 16	MAR. 30 MAR. 23 MAR. 16	{ June 1
FEB. 2	{ 9 - Wk. 10 - Wk. 11 - Wk.	Feb. 2-Apr. 9 Feb. 2-Apr. 2 Feb. 2-Mar. 26	{ MAR. 2	APR. 9 APR. 2 MAR. 26	{ June 11
FEB. 16	{ 9 - Wk. 10 - Wk. 11 - Wk.	Feb. 16-Apr. 16 Feb. 16-Apr. 9 Feb. 16-Apr. 2	{ MAR. 12	APR. 16 APR. 9 APR. 2	{ June 18
MAR. 2	{ 9 - Wk. 10 - Wk. 11 - Wk.	Mar. 2-Apr. 30 Mar. 2-Apr. 23 Mar. 2-Apr. 16	{ MAR. 26	APR. 30 APR. 23 APR. 16	{ July 2
MAR. 16	{ 9 - Wk. 10 - Wk. 11 - Wk.	Mar. 16-May 5 Mar. 16-Apr. 28 Mar. 16-Apr. 21	{ APR. 5	MAY 5 APR. 28 APR. 21	{ July 7
MAR. 30	{ 9 - Wk. 10 - Wk. 11 - Wk.	Mar. 30-May 18 Mar. 30-May 11 Mar. 30-May 4	{ APR. 20	MAY 18 MAY 11 MAY 4	{ July 19
APR. 13	{ 9 - Wk. 10 - Wk. 11 - Wk.	{ Apr. 13-May 4	{ MAY 4	JUNE 1 MAY 25 MAY 18	{ Aug. 3
APR. 27	{ 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	{ MAY 18	JUNE 15 JUNE 8 JUNE 1	{ Aug. 17
MAY 11	{ 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	{ JUNE 1	JUNE 29 JUNE 22 JUNE 15	{ Aug. 31
MAY 25	{ 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	{ JUNE 15	JULY 13 JULY 6 JUNE 29	{ Sept. 14
JUNE 8	{ 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	{ JUNE 29	JULY 27 JULY 20 JULY 13	{ Sept. 28
JUNE 22	{ 8 - Wk. 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	{ JULY 13	NO AUG. 10 AUG. 3 JULY 27	{ Normal Oct. 12 Oct. 12 Oct. 12
JUNE 28 JUNE 28 JULY 6 JULY 6	{ 8 - Wk. 9 - Wk. 10 - Wk. 11 - Wk.	{ NO	JULY 20 JULY 20 JULY 27 JULY 27	{ NO	{ Normal

Year Round Cut Flower Schedule

PLANT	RESPONSE GROUP	LIGHT	PINCH	BLACK CLOTH	CUT
JULY 20	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. }	NO	{ AUG. 10 AUG. 10 AUG. 10 AUG. 15 }	{ SEPT. 7 NO }	{ Nov. 16 Normal }
AUG. 3	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. 14 - Wk. }	{ Sept. 1-Sept. 21 Sept. 1-Sept. 14 NO }	{ AUG. 24	{ NO }	{ Nov. 30 Nov. 30 Normal Normal Normal }
AUG. 17	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. 14 - Wk. }	{ Sept. 1-Oct. 19 Sept. 1-Oct. 12 Sept. 1-Oct. 7 Sept. 1-Sept. 28 Sept. 1-Sept. 21 }	{ SEPT. 7	{ NO }	{ Dec. 28 }
AUG. 31	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. 14 - Wk. }	{ Aug. 31-Nov. 9 Aug. 31-Nov. 2 Aug. 31-Oct. 26 Aug. 31-Oct. 19 Aug. 31-Oct. 12 }	{ SEPT. 21	{ NO }	{ Jan. 19 }
SEPT. 14	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. 14 - Wk. }	{ Sept. 14-Nov. 23 Sept. 14-Nov. 16 Sept. 14-Nov. 9 Sept. 14-Nov. 2 Sept. 14-Oct. 26 }	{ OCT. 5	{ NO }	{ Feb. 2 }
SEPT. 28	{ 10 - Wk. 11 - Wk. 12 - Wk. 13 - Wk. 14 - Wk. }	{ Sept. 28-Dec. 7 Sept. 28-Dec. 1 Sept. 28-Nov. 23 Sept. 28-Nov. 16 Sept. 28-Nov. 9 }	{ OCT. 19	{ NO }	{ Feb. 16 }
OCT. 12	{ 9 - Wk. 10 - Wk. 11 - Wk. 12 - Wk. }	{ Oct. 12-Dec. 28 Oct. 12-Dec. 21 Oct. 12-Dec. 14 Oct. 12-Dec. 7 }	{ NOV. 2	{ NO }	{ Mar. 2 }
OCT. 26	{ 9 - Wk. 10 - Wk. 11 - Wk. }	{ Oct. 26-Jan. 12 Oct. 26-Jan. 5 Oct. 26-Dec. 28 }	{ NOV. 16	{ NO }	{ Mar. 16 }
NOV. 9	{ 9 - Wk. 10 - Wk. 11 - Wk. }	{ Nov. 9-Jan. 26 Nov. 9-Jan. 19 Nov. 9-Jan. 12 }	{ NOV. 30	{ NO }	{ Mar. 30 }
NOV. 23	{ 9 - Wk. 10 - Wk. 11 - Wk. }	{ Nov. 23-Feb. 16 Nov. 23-Feb. 9 Nov. 23-Feb. 2 }	{ DEC. 18	{ NO }	{ Apr. 20 }
DEC. 7	{ 9 - Wk. 10 - Wk. 11 - Wk. }	{ Dec. 7-Feb. 26 Dec. 7-Feb. 19 Dec. 7-Feb. 12 }	{ DEC. 31	{ NO }	{ Apr. 30 }
DEC. 21	{ 9 - Wk. 10 - Wk. 11 - Wk. }	{ Dec. 21-Mar. 5 Dec. 21-Feb. 26 Dec. 21-Feb. 19 }	{ JAN. 16	{ NO MAR. 15 }	{ May 7 }

CUT VARIETIES OFF-SEASON BLOOMING MARCH THRU NOVEMBER

		8 WEEK	9 WEEK	10 WEEK	11 WEEK
WHITE	P	Pristine Horizon Calif. Wh. Daisy	Popcorn Wh. Popcorn Keepsake Songster Halo Vesta Honeymoon	Whitetop Encore Madonna Cream Shasta Shasta Ill. Snowdrift Little America Ill. Igloo Pacesetter Wh. Taffeta	Eskimo Sculpture Highbrow Paramount Snowflurry
	S	Silver Sheen	Queens Lace Albatross Snow White	Betsy Ross Ind. White Crystal Queen Gt. Betsy Ross Monument	Mefo Cream Mefo
YELLOW	P		Golden Herald Gold Coast Yel. Dot Red Dot Aztec Sunup Yel. Halo Mary L. Hall Sunray Goldfinch	Constellation Barcarole Yel. Shasta Brigadoon Or. Beauregard	Golden Chord Lollipop Yel. Highbrow Forty-Niner Yel. Paramount Yel. Sculpture
	S	Mrs. Kidder	Good News Yel. Lace Gold Lace Yel. Ivanhoe	Imp. Ind. Yel. Ind. Yellow Yel. Monument Yel. Queen	Yel. Mefo
BRONZE & RED	P	Paradise Calumet	Buckskin Buccaneer Flame Glow	Dk. Br. Masterpiece Br. Masterpiece Beauregard Rubicon Chevron Paragon Copperhead	Thelma Rusticon Dk. Br. Minuet
	S		Detroit News Ivanhoe	Dk. Ind. Br. Ind. Bronze Ms. Roy	
PINK	P	Enterprise Mayfair Mary McArthur Fairylane	Bluechip Pk. Dot Jessie Reward Pinkette Tempo	Portrait Linda Lou Taffeta Criterion Rose Masterpiece Masterpiece Parisienne Pennant	Nugano Grand Slam Almega Arbutus Minuet Ill. Formal
	S		Mary Garden	Ind. Pink Dk. Orch. Queen Orchid Queen	

DECEMBER THRU FEBRUARY

		12 WEEK	13 WEEK	14 WEEK
WHITE		Belray Cordova Wh. Valencia Fortune Silvercrest	Cotillion Acclaim Wedding Bells Carrara Snow Flake Wh. Snowdrop	Cream Snowcrest Snowcrest Silversmith Snowcap Revelation Talmada
YELLOW		Goldenrod Highlander Goldsmith Yel. Valencia Yel. Galaxy Yel. Fortune Gold Medal	Goldie Yel. Acclaim Corsair Cinderella Goldtone Yel. Enchantress	Shamrock Yel. Riviera Yel. Snowcrest Vibrant Revelry Yel. Revelation
BRONZE & RED		Galaxy Apr. Valencia Br. Goldsmith	Christ. Star Br. Minstrel Red Enchantress	Christ. Greetings Poinsettia Merrymaker Br. Riviera
PINK		Dk. Valencia Heritage Princess	Dk. Enchantress Enchantress Debutante Minstrel Lt. Pk. Minstrel Imp. Pk. Minstrel	Riviera Rosalind

POT MUMS—General Information

There has been an unusually rapid development in the growing of chrysanthemums as pot plants in the last two years. Grown originally for the Spring holidays, it soon became evident that the demand lasted far beyond the respective holidays, and growers were quick to adjust their growing schedules to produce chrysanthemum pot plants for year-round sales.

To date, the interest in well grown chrysanthemum pot plants has almost constantly exceeded the capacity to supply in spite of the fact that this plant was available in such very few varieties. It is not an item that will likely be shipped great distances because of shipping costs and can therefore be produced to advantage by each local grower. It does not require a large greenhouse to grow chrysanthemum pot plants on a continuous production basis.

POT MUMS the year around can be grown by anyone who has a small amount of bench space and can follow a Schedule.

POINTS TO REMEMBER

1. Well drained soil.
2. Space them evenly.
3. Allow no hesitation.
4. Establish plants before pinching.
5. Pinch into soft wood only.
6. 60-62° until bud is formed.
7. Fertilize frequently — weak solution.
8. Finish slowly.

SPACE

The space required to bloom a given number of 6" Pot Mums regularly would be as follows:

Supposing your needs are for 50 Pot Mums every two weeks. You would need 16 sq. ft. of space under lights or 4 lineal ft. of a 4 ft. bed. This will only require one 60 watt bulb. To finish these same 50 plants you will require approximately 1 sq. ft. per plant or 50 sq. ft. and for each succeeding two week period you will require 50 sq. ft. of bench space. Using Bonnaffon Deluxe for example, which is an Eleven Week Variety you will require approximately 14 weeks to bloom and sell this first 50 plants and make room to start your next cycle.

By this method, you would require only 362½ sq. ft. of bench space to have a continuous supply of 50 Pot Mums every two weeks the year around.

PRINCIPLES OF GROWTH

For best results it is necessary to have an established plant, meaning a new developing root system, and new vegetative growth before any pinch is made. A minimum of **one week** from plant to pinch when planting in the summer from about April 1st through August 15th; **two weeks** from plant to pinch when planting in the fall from about August 15th to October 1st; and early Spring from March 1st to April 1st; **three weeks** from plant to pinch during the winter months from about October 1st to March 1st.

As light intensity and duration decrease from summer to winter months, light becomes the limiting factor for plant growth, and additional long day timing must compensate for the lack of light. It has unintentionally evolved that the most important year-round pot plant varieties are in the 9 and 10-week response groups and some are used both for summer and winter flowering. A 10-week variety takes no longer to flower in the winter than it does in the summer once short day treatment is started, but under winter light conditions the development of the flowers utilizes more carbohydrates than the plant is capable of manufactur-

ing during the 10-week period from start of bud initiation to complete development. Consequently, those plants must build up sufficient carbohydrate reserves prior to the start of short days in order to complete full flower development, and this can only be accomplished by increasing the number of long days from planting to start of short days.

Very desirable plants can be grown by potting and pinching the same day. This method does not require the use of artificial lights and will shorten the following Schedule by ten days.

SOIL

A preferred pot plant medium is a loose, open, and well aggregated soil that allows for rapid drainage of excess water, maximum aeration and also is resistant to compaction. It is desirable to have sufficient amounts of organic matter such as peat or well rotted manure incorporated into the mixture in order to improve the water holding capacity and to permit the optimum conditions for root-soil moisture relationships.

Few if any growers fail to sterilize all their potting media these days prior to planting, for the hazards of using unsterilized soil are unquestionably recognized. Often times if old bench soil is sterilized and used for pots, care must be taken to see that it does not contain high soluble salts. The condition is easily corrected by heavy leaching either before or after sterilizing.

PLANTING

Each step in the culture of potted mum plants has an important direct bearing on getting all plants to break uniformly and to bud up uniformly and the first thing to do is to see that all the cuttings planted into one pot are as nearly the same in height and stem diameter as possible.

It is very important to take sufficient time at planting time to select four or five cuttings that are very nearly equal before planting them together in a 5 or 6 inch pot. It matters less whether they are all somewhat smaller, or a little larger, than it does that they are the same or very nearly

POT MUMS—General Information

so in one single pot. Also it is best to plant these graded cuttings equal distances apart near the rim of the pot so that each plant has the same identical exposure to light and will tend to develop symmetrically. In every respect each plant should receive as near identical treatment as possible. Be sure that you never let the cutting harden.

TEMPERATURE

Temperature is even more critical in the growing of a potted plant than it is in the production of a cut flower crop.

Since flowering uniformity is such an extremely important requisite for a well accepted pot plant, it is absolutely essential that night temperatures be held between 60° and 65°F. just prior to and during the bud initiation period. It is safer to hold minimum temperatures above 60°F. than 1°F. below 60°. Plants should be held at this temperature up to the time that buds can be taken.

In the winter we start out pots on dry raised benches with enclosed bottom heat lines. Our normal day time temperatures are held between 58° and 70°, depending upon the relative brightness of the day; at night, however, the starting benches are covered with black cloth which confines the bottom heat to a limited area overhead and adequately maintains the desired minimum temperatures.

The bottom heat filtrates through the cracks in the bottom of the board bench, which in turn markedly stimulates root action as a result of higher soil temperatures and a more rapid loss of excess soil moisture. A fast initial take-off is important. If the plants hesitate at all, they will not make good pot plants.

Plants in pots are kept in this under cloth area at night until the buds are visible after which they are moved out into the open house area and into a lower night temperature.

By pulling the cloth on after dark and removing it before daylight in the morning, the plants are not deprived of any available daylight and yet get a very uniform temperature treatment. It is easier to maintain sharp control of temperature in a small covered area than it is a whole house. Lights are also under the black cloth giving warm temperatures at the same time that plants are lighted.

LOW TEMPERATURE FINISHING

After buds have been well defined and selected, it is beneficial to move the pots from the high temperature black cloth area to a low temperature finishing area having minimum temperatures between 50° and 55°F. Under this proposed layout, the remainder of the house not covered with black cloth constitutes the finishing area.

Low temperature finishing does not significantly delay the response or rate of development, and the practice does materially improve flower size, color, and quality during the low light intensity periods.

PINCHING

After the cuttings are established and have started to grow, they are in a condition to be pinched. In order to insure responsive uniformity, all pinches should be either a high soft or a roll tip pinch, permitting resulting breaks to arise from the so-called succulent or new wood portion of the plant.

The shoot arising from the upper-most leaf axil on a pinched chrysanthemum plant, when subjected to short day treatment, will be the first to initiate a flower but with a gradual progression of initiation down the stem. A hard or semi-hard pinch made during the winter months, especially, will force breaks to arise from the woody portion of the stem which in turn are inclined to be vegetative and will not immediately respond to short day treatment.

This is an important concept to practice the year-round, but it becomes especially critical after the middle of winter or early spring months. The progression of responsive shoots on a pinched chrysanthemum plant becomes acutely exaggerated.

Although the single pinch system is universally used, occasionally no pinch is employed and for very large plants the double pinch system is best.

NO PINCH

The main advantage is larger flowers on varieties like the Indianapolis group. From 6 to 9 cuttings are placed in a 6-inch azalea pot and short days are started about 7 days after potting.

SINGLE PINCH

This is used by most growers because it is fast and the size of the specimens will satisfy most demands. Five or 6 cuttings are placed in a 6-inch azalea pot and the plants are pinched 7 days after potting. Pinch relatively soft—if pinched too low, there will be fewer breaks. The plants should be shaded the same day they are pinched. In very dark weather the plants may be too short and this can be overcome by lighting for 7 days after pinching, then starting short day treatment.

DOUBLE PINCH

For large specimen plants this system is preferred. Plant 3 or 4 cuttings in a 6-inch azalea pot and soft pinch after 7 days. Then after 3 weeks pinch again so that only 3 leaves remain on each stem. Start short days at the time of the second pinch.

UNIFORM BUDDING

Some difficulty in securing uniform budding is sometimes experienced as a result of pinching **too low** and thereby forcing breaks with greater degree of vegetativeness down lower on the stem. These lower breaks are more reluctant to bud than are those which grow out from the upper portion

POT MUMS—General Information

of the stem. They will therefore also get taller than the higher breaks. In winter and spring flowering, particularly, is this important. In some cases uneven flowering in winter is blamed on temperature being too low when it may have been at least partially due to pinching too low. Pinch as soft and as high as possible to produce short breaks that bud freely. Pinch harder or lower to force vegetative breaks that get taller and bud more slowly and less uniformly. The breaks should come from the new growth and not forced out from the original cutting.

LIGHTING

Where the Schedule calls for lighting, 60 watt bulbs spaced 4 ft. apart and 30 inches above the plants will give sufficient light. Light 3 hours each night as indicated on the Schedule, keeping in mind that at no time should there be a period of continuous darkness of more than 8½ hours duration. Avoid this by applying lights sometime between the hours of 8 P.M. and 5 A.M.

FERTILIZERS

It is beneficial to feed weekly, whether it be during the summer or winter, with a balanced, complete liquid fertilizer, starting as soon as the plants become established. Frequency of application is as often during the winter as during the other parts of the year, but applied in a more dilute concentration. There are a number of satisfactory fertilizers on the market.

One that has proved successful is a 20-20-20 analysis water soluble fertilizer applied at the rate of ¾ lb. per 100 gal. water during the winter months and 1½ lbs. per 100 gal. during the high light-intensity periods of the spring, summer, and fall. It is advisable to continue feeding up to the time plants are ready for sale.

GARDEN VARIETIES

Have become an important item for the spring months and particularly for Mother's Day, and Decoration Day. One of the points used in promoting the sale of these is that they can be planted out in the garden after they have bloomed to

flower again in the fall. These garden varieties generally are not disbudded, since they are mostly smaller flowered varieties. A little disbudding if the plants are full of buds enhances color and substance but does not greatly enlarge the flower size.

DISBUDDING

Most of the varieties in the 9, 10 and 11-week group are disbudded although, here again, there are exceptions. Some growers find that disbudding is not necessary for their particular market. Others claim that there is no sale for plants that are not disbudded. The general practice, however, is to disbud all varieties and to limit the number of buds left to develop. Our observation has been that this depends almost entirely on the buyers habits. It is more important to leave buds of uniform size when disbudding than to leave buds in identical positions on all stems. A side bud on one stem may be the equal of the center bud on another stem. A minimum of 12 good sized flowers is considered a good plant for a five inch pot although it is possible to get more on certain varieties. This means three breaks per plant, four to a pot. A variety such as Portrait will not always average three breaks and should have an additional plant added especially for winter flowering. It is possible to have Bonaffon break four to a plant in good growing conditions.

SMALL POT MUMS

There is ever increasing interest in the flowering of chrysanthemums in 3-inch standard or 3½ -inch azalea pots. They are very useful for combination or mixed pots which are an important part of spring bedding plant sales in many parts of the country. In addition there is some interest in selling these as small plants for home decoration in place of the larger sizes.

Immediately after potting, the plants should be soft pinched and short day treatment started. By doing this the plants are kept short—in proportion to the small pot. Many of the 7, 8, 9, 10, and 11-week varieties will be suitable for combination pots, but only the shorter kinds are suitable as plants for the home.

PRICES FOR 50 OR MULTIPLES OF 50 OF A VARIETY PER SHIPMENT

PRICE 50 ONLY	PRICES PER 100			
	100 - 250	300 - 450	500 - 950	1000 Up
\$2.75	\$ 5.25	\$ 5.00	\$ 4.75	\$ 4.50
3.00	5.75	5.50	5.25	5.00
3.25	6.25	6.00	5.75	5.50
3.50	6.75	6.50	6.25	6.00
3.75	7.25	7.00	6.75	6.50
4.00	7.75	7.50	7.25	7.00
5.00	9.75	9.50	9.25	9.00
6.25	12.25	12.00	11.75	11.50
7.50	14.75	14.50	14.25	14.00

Year Round Pot Plant Schedule

In the following Schedule we are listing only varieties which are considered the best without too much manipulating of the lights or shade cloth. If you grow taller varieties you should pinch 10 days after short day treatment has begun, for example, the Lace varieties and Indianapolis varieties. If the varieties should be too short for your particular need, then pinch ten days before starting short day treatment.

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
JAN. 4	Granite State	Jan. 4-Jan. 18	JAN. 18	NO	Mar. 21
	Wilsons White	Jan. 4-Jan. 18			Mar. 21
	Blazing Gold	Jan. 4-Jan. 18			Mar. 21
	Queen of Pinks	Jan. 4-Jan. 18			Mar. 28
	Criterion	Jan. 4-Jan. 18			Mar. 28
	Portrait	Jan. 4-Jan. 18			Mar. 28
	Humdinger	Jan. 4-Jan. 18			Mar. 28
	Delaware	Jan. 4-Jan. 18			Mar. 28
	Lace Varieties	Jan. 4-Jan. 9			Mar. 15
	Ind. Varieties	Jan. 4-Jan. 9			Mar. 22
	Little America	Jan. 4-Jan. 9			Mar. 22
	Bonn. Deluxe	Jan. 4-Jan. 18			Apr. 5
JAN. 18	Granite State	Jan. 18-Feb. 1	FEB. 1	NO	Apr. 5
	Wilsons White	Jan. 18-Feb. 1			Apr. 5
	Blazing Gold	Jan. 18-Feb. 1			Apr. 5
	Queen of Pinks	Jan. 18-Feb. 1			Apr. 12
	Criterion	Jan. 18-Feb. 1			Apr. 12
	Portrait	Jan. 18-Feb. 1			Apr. 12
	Humdinger	Jan. 18-Feb. 1			Apr. 12
	Delaware	Jan. 18-Feb. 1			Apr. 12
	Lace Varieties	Jan. 18-Jan. 23			Apr. 1
	Ind. Varieties	Jan. 18-Jan. 23			Apr. 8
	Little America	Jan. 18-Jan. 23			Apr. 8
	Bonn. Deluxe	Jan. 18-Feb. 1			Apr. 19
FEB. 1	Granite State	Feb. 1-Feb. 15	FEB. 15	MAR. 15	Apr. 20
	Wilsons White	Feb. 1-Feb. 15			Apr. 20
	Blazing Gold	Feb. 1-Feb. 15			Apr. 20
	Queen of Pinks	Feb. 1-Feb. 15			Apr. 27
	Criterion	Feb. 1-Feb. 15			Apr. 27
	Portrait	Feb. 1-Feb. 15			Apr. 27
	Humdinger	Feb. 1-Feb. 15			Apr. 27
	Delaware	Feb. 1-Feb. 15			Apr. 27
	Lace Varieties	Feb. 1-Feb. 6			Apr. 16
	Ind. Varieties	Feb. 1-Feb. 6			Apr. 23
	Bonn. Deluxe	Feb. 1-Feb. 15			May 4
FEB. 15	Granite State	Feb. 15-Feb. 29	FEB. 29	MAR. 15	May 4
	Wilsons White	Feb. 15-Feb. 29			May 4
	Blazing Gold	Feb. 15-Feb. 29			May 4
	Queen of Pinks	Feb. 15-Feb. 29			May 11
	Criterion	Feb. 15-Feb. 29			May 11
	Portrait	Feb. 15-Feb. 29			May 11
	Humdinger	Feb. 15-Feb. 29			May 11
	Delaware	Feb. 15-Feb. 29			May 11
	Lace Varieties	Feb. 15-Feb. 20			Apr. 30
	Ind. Varieties	Feb. 15-Feb. 20			May 7
	Bonn. Deluxe	Feb. 15-Feb. 29			May 18

Year Round Pot Plant Schedule

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
MAR. 1	Granite State	Mar. 1-Mar. 10	MAR. 10	MAR. 10	May 13
	Wilsons White	Mar. 1-Mar. 10			May 13
	Blazing Gold	Mar. 1-Mar. 10			May 13
	Queen of Pinks	Mar. 1-Mar. 10			May 20
	Criterion	Mar. 1-Mar. 10			May 20
	Portrait	Mar. 1-Mar. 10			May 20
	Humdinger	Mar. 1-Mar. 10			May 20
	Lace Varieties	No		MAR. 15	May 10
	Ind. Varieties	No		MAR. 15	May 14
	Bonn. Deluxe	Mar. 1-Mar. 10		MAR. 15	May 27
MAR. 15	Granite State	Mar. 15-Mar. 25	MAR. 25	MAR. 25	May 27
	Wilsons White	Mar. 15-Mar. 25		MAR. 25	May 27
	Blazing Gold	Mar. 15-Mar. 25		MAR. 25	May 27
	Queen of Pinks	Mar. 15-Mar. 25		MAR. 25	June 3
	Criterion	Mar. 15-Mar. 25		MAR. 25	June 3
	Portrait	Mar. 15-Mar. 25		MAR. 25	June 3
	Lace Varieties	No		MAR. 15	May 24
	Ind. Varieties	No		MAR. 15	May 27
	Bonn. Deluxe	Mar. 15-Mar. 25		MAR. 25	June 10
MAR. 29	Granite State	NO	APR. 8	APR. 8	June 10
	Wilsons White			APR. 8	June 10
	Blazing Gold			APR. 8	June 10
	Queen of Pinks			APR. 8	June 17
	Criterion			APR. 8	June 17
	Portrait			APR. 8	June 17
	Lace Varieties			MAR. 29	June 7
	Ind. Varieties			MAR. 29	June 10
	Bonn. Deluxe			APR. 8	June 24
APR. 12	Granite State	NO	APR. 22	APR. 22	June 24
	Wilsons White			APR. 22	June 24
	Blazing Gold			APR. 22	June 24
	Lace Varieties			APR. 12	June 21
	Ind. Varieties			APR. 12	June 23
	Bonn. Deluxe			APR. 22	July 8
	Portrait			APR. 12	June 30
APR. 26	Granite State	NO	MAY 6	MAY 6	July 8
	Wilsons White			MAY 6	July 8
	Blazing Gold			MAY 6	July 8
	Lace Varieties			APR. 26	July 5
	Ind. Varieties			APR. 26	July 8
	Bonn. Deluxe			MAY 6	July 22
MAY 10	Granite State	NO	MAY 20	MAY 20	July 22
	Wilsons White			MAY 20	July 22
	Blazing Gold			MAY 20	July 22
	Lace Varieties			MAY 10	July 19
	Ind. Varieties			MAY 10	July 22
	Bonn. Deluxe			MAY 20	Aug. 5
MAY 24	Granite State	NO	JUNE 3	JUNE 3	Aug. 5
	Wilsons White			JUNE 3	Aug. 5
	Blazing Gold			JUNE 3	Aug. 5
	Lace Varieties			MAY 24	Aug. 2
	Ind. Varieties			MAY 24	Aug. 5
	Bonn. Deluxe			JUNE 3	Aug. 19

Year Round Pot Plant Schedule

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
JUNE 7	Granite State Wilsons White Blazing Gold Lace Varieties Ind. Varieties Bonn. Deluxe	NO	JUNE 17	JUNE 17	Aug. 19
				JUNE 17	Aug. 19
				JUNE 17	Aug. 19
				JUNE 7	Aug. 16
				JUNE 7	Aug. 19
				JUNE 17	Sept. 2
JUNE 21	Granite State Wilsons White Blazing Gold Queen of Pinks Criterion Portrait Delaware Lace Varieties Ind. Varieties Bonn. Deluxe	NO	JULY 1	JULY 1	Sept. 2
				JULY 1	Sept. 2
				JULY 1	Sept. 2
				JULY 1	Sept. 9
				JULY 1	Sept. 9
				JULY 1	Sept. 9
				JULY 1	Sept. 9
				JUNE 21	Aug. 30
				JUNE 21	Sept. 2
				JULY 1	Sept. 16
JULY 5	Granite State Wilsons White Blazing Gold Gypsy Queen of Pinks Criterion Portrait Delaware Lace Varieties Ind. Varieties Copperhead Bonn. Deluxe	NO	JULY 15	JULY 15	Sept. 16
				JULY 15	Sept. 16
				JULY 15	Sept. 16
				JULY 15	Sept. 23
				JULY 15	Sept. 23
				JULY 15	Sept. 23
				JULY 15	Sept. 23
				JULY 15	Sept. 23
				JULY 5	Sept. 13
				JULY 5	Sept. 16
				JULY 5	Sept. 16
				JULY 15	Sept. 30
JULY 19	Granite State Wilsons White Blazing Gold Gypsy Queen of Pinks Criterion Portrait Humdinger Delaware Lace Varieties Ind. Varieties Copperhead Bonn. Deluxe Beaut. Lady White Lady	NO	JULY 29	JULY 29	Sept. 30
				JULY 29	Sept. 30
				JULY 29	Sept. 30
				JULY 29	Oct. 7
				JULY 29	Oct. 7
				JULY 29	Oct. 7
				JULY 29	Oct. 7
				JULY 29	Oct. 7
				JULY 29	Oct. 7
				JULY 19	Sept. 27
				JULY 19	Sept. 30
				JULY 19	Sept. 30
				JULY 29	Oct. 14
				JULY 20	Oct. 14
				JULY 20	Oct. 14
AUG. 2	Granite State Wilsons White Blazing Gold Gypsy Queen of Pinks Criterion Portrait Humdinger Delaware Lace Varieties Ind. Varieties Copperhead Bonn. Deluxe Beaut. Lady White Lady	NO	AUG. 12	AUG. 12	Oct. 14
				AUG. 12	Oct. 14
				AUG. 12	Oct. 14
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 12	Oct. 21
				AUG. 2	Oct. 11
				AUG. 2	Oct. 14
				AUG. 2	Oct. 14
				AUG. 12	Oct. 28
				AUG. 3	Oct. 28
				AUG. 3	Oct. 28

Year Round Pot Plant Schedule

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
AUG. 16	Granite State	NO	AUG. 26	NO	Oct. 28
	Wilsons White				Nov. 1
	Blazing Gold			AUG. 26	Oct. 28
	Gypsy				Nov. 4
	Queen of Pinks				Nov. 4
	Criterion				Nov. 4
	Portrait				Nov. 4
	Humdinger				Nov. 4
	Delaware				Nov. 4
	Lace Varieties				Oct. 25
	Ind. Varieties				Oct. 28
	Copperhead				Oct. 28
	Bonn. Deluxe				Nov. 11
	Beaut. Lady				Nov. 11
	White Lady				Nov. 11
AUG. 30	Granite State	NO	SEPT. 9	NO	Nov. 10
	Wilsons White				Nov. 10
	Blazing Gold				Nov. 10
	Queen of Pinks				Nov. 10
	Criterion				Nov. 10
	Portrait				Nov. 10
	Humdinger				Nov. 10
	Delaware				Nov. 10
	Lace Varieties				Nov. 14
	Ind. Varieties				Nov. 17
	Copperhead				Nov. 17
	Bonn. Deluxe				Nov. 20
	Beaut. Lady				Nov. 25
	White Lady				Nov. 25
SEPT. 13	Granite State	Sept. 13-Sept. 23	SEPT. 23	NO	Nov. 25
	Wilsons White	Sept. 13-Sept. 23			Nov. 25
	Blazing Gold	Sept. 13-Sept. 23			Nov. 25
	Queen of Pinks	Sept. 13-Sept. 23			Dec. 3
	Criterion	Sept. 13-Sept. 23			Dec. 3
	Portrait	Sept. 13-Sept. 23			Dec. 3
	Humdinger	Sept. 13-Sept. 23			Dec. 3
	Delaware	Sept. 13-Sept. 23			Dec. 3
	Lace Varieties	No			Nov. 22
	Ind. Varieties	No			Nov. 25
	Copperhead	No			Nov. 25
	Bonn. Deluxe	Sept. 13-Sept. 23			Dec. 9
	Beaut. Lady	No			Dec. 9
	White Lady	No			Dec. 9
SEPT. 27	Granite State	Sept. 27-Oct. 7	OCT. 7	NO	Dec. 9
	Wilsons White	Sept. 27-Oct. 7			Dec. 9
	Blazing Gold	Sept. 27-Oct. 7			Dec. 9
	Queen of Pinks	Sept. 27-Oct. 7			Dec. 16
	Criterion	Sept. 27-Oct. 7			Dec. 16
	Portrait	Sept. 27-Oct. 7			Dec. 16
	Humdinger	Sept. 27-Oct. 7			Dec. 16
	Delaware	Sept. 27-Oct. 7			Dec. 16
	Lace Varieties	No			Dec. 6
	Ind. Varieties	No			Dec. 9
	Copperhead	No			Dec. 9
	Bonn. Deluxe	Sept. 27-Oct. 7			Dec. 23
	Beaut. Lady	No			Dec. 23
	White Lady	No			Dec. 23

Year Round Pot Plant Schedule

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
OCT. 11	Granite State	Oct. 11-Oct. 21	OCT. 21	NO	Dec. 23
	Wilsons White	Oct. 11-Oct. 21			Dec. 23
	Blazing Gold	Oct. 11-Oct. 21			Dec. 23
	Queen of Pinks	Oct. 11-Oct. 21			Dec. 30
	Criterion	Oct. 11-Oct. 21			Dec. 30
	Portrait	Oct. 11-Oct. 21			Dec. 30
	Humdinger	Oct. 11-Oct. 21			Dec. 30
	Delaware	Oct. 11-Oct. 21			Dec. 30
	Lace Varieties	No			Dec. 20
	Ind. Varieties	No			Dec. 23
	Copperhead	No			Dec. 23
	Bonn. Deluxe	Oct. 11-Oct. 21			Jan. 6
	Beaut. Lady	No			Jan. 6
	White Lady	No			Jan. 6
OCT. 25	Granite State	Oct. 25-Nov. 4	NOV. 4	NO	Jan. 6
	Wilsons White	Oct. 25-Nov. 9			Jan. 6
	Blazing Gold	Oct. 25-Nov. 4			Jan. 6
	Queen of Pinks	Oct. 25-Nov. 4			Jan. 13
	Criterion	Oct. 25-Nov. 4			Jan. 13
	Portrait	Oct. 25-Nov. 4			Jan. 13
	Humdinger	Oct. 25-Nov. 4			Jan. 13
	Delaware	Oct. 25-Nov. 4			Jan. 13
	Lace Varieties	No			Jan. 3
	Ind. Varieties	No			Jan. 6
	Little America	No			Jan. 6
	Bonn. Deluxe	Oct. 25-Nov. 4			Jan. 20
	Beaut. Lady	No			Jan. 20
	White Lady	No			Jan. 20
NOV. 8	Granite State	Nov. 8-Nov. 22	NOV. 22	NO	Jan. 24
	Wilsons White	Nov. 8-Nov. 22			Jan. 24
	Blazing Gold	Nov. 8-Nov. 22			Jan. 24
	Queen of Pinks	Nov. 8-Nov. 22			Jan. 31
	Portrait	Nov. 8-Nov. 22			Jan. 31
	Criterion	Nov. 8-Nov. 22			Jan. 31
	Humdinger	Nov. 8-Nov. 22			Jan. 31
	Delaware	Nov. 8-Nov. 22			Jan. 31
	Lace Varieties	Nov. 8-Nov. 13			Jan. 19
	Little America	Nov. 8-Nov. 13			Jan. 26
	Ind. Varieties	Nov. 8-Nov. 13			Jan. 26
	Beaut. Lady	Nov. 8-Nov. 13			Feb. 4
	White Lady	Nov. 8-Nov. 13			Feb. 4
	Bonn. Deluxe	Nov. 8-Nov. 22			Feb. 8
NOV. 22	Granite State	Nov. 22-Dec. 6	DEC. 6	NO	Feb. 7
	Wilsons White	Nov. 22-Dec. 6			Feb. 7
	Blazing Gold	Nov. 22-Dec. 6			Feb. 7
	Queen of Pinks	Nov. 22-Dec. 6			Feb. 14
	Portrait	Nov. 22-Dec. 6			Feb. 14
	Criterion	Nov. 22-Dec. 6			Feb. 14
	Humdinger	Nov. 22-Dec. 6			Feb. 14
	Delaware	Nov. 22-Dec. 6			Feb. 14
	Lace Varieties	Nov. 22-Nov. 27			Feb. 2
	Little America	Nov. 22-Nov. 27			Feb. 9
	Ind. Varieties	Nov. 22-Nov. 27			Feb. 9
	Beaut. Lady	Nov. 22-Nov. 27			Feb. 17
	White Lady	Nov. 22-Nov. 27			Feb. 17
	Bonn. Deluxe	Nov. 22-Dec. 6			Feb. 21

Year Round Pot Plant Schedule

POT	VARIETY	LIGHT	PINCH	BLACK CLOTH	FLOWER
DEC. 6	Granite State	Dec. 6-Dec. 20	DEC. 20	NO	Feb. 21
	Wilsons White	Dec. 6-Dec. 20			Feb. 21
	Blazing Gold	Dec. 6-Dec. 20			Feb. 21
	Queen of Pinks	Dec. 6-Dec. 20			Feb. 28
	Portrait	Dec. 6-Dec. 20			Feb. 28
	Criterion	Dec. 6-Dec. 20			Feb. 28
	Humdinger	Dec. 6-Dec. 20			Feb. 28
	Delaware	Dec. 6-Dec. 20			Feb. 28
	Lace Varieties	Dec. 6-Dec. 11			Feb. 16
	Little America	Dec. 6-Dec. 11			Feb. 23
	Ind. Varieties	Dec. 6-Dec. 11			Feb. 23
	White Lady	Dec. 6-Dec. 11			Mar. 5
	Beaut. Lady	Dec. 6-Dec. 11			Mar. 5
	Bonn. Deluxe	Dec. 6-Dec. 20			Mar. 10
DEC. 20	Granite State	Dec. 20-Jan. 4	JAN. 4	NO	Mar. 7
	Wilsons White	Dec. 20-Jan. 4			Mar. 7
	Blazing Gold	Dec. 20-Jan. 4			Mar. 7
	Queen of Pinks	Dec. 20-Jan. 4			Mar. 17
	Portrait	Dec. 20-Jan. 4			Mar. 17
	Criterion	Dec. 20-Jan. 4			Mar. 17
	Humdinger	Dec. 20-Jan. 4			Mar. 17
	Delaware	Dec. 20-Jan. 4			Mar. 17
	Lace Varieties	Dec. 20-Dec. 25			Mar. 2
	Little America	Dec. 20-Dec. 25			Mar. 9
	Ind. Varieties	Dec. 20-Dec. 25			Mar. 9
	Bonn. Deluxe	Dec. 20-Dec. 25			Mar. 21

GARDEN VARIETIES FOR SPRING BLOOMING POT PLANTS

Plants should be ordered to arrive 7 to 14 days ahead of first pinching date.

Pot and place under artificial lights upon arrival. Use 60 watt bulbs spaced 4 ft. apart and 30 inches above the plants.

Maintain a 60 degree night temperature until buds are well developed.

TWO PINCH METHOD

Use 4 Plants per 6 inch Pot

**For EASTER —
APRIL 1, 1956**

First Pinch—Jan. 7
Second Pinch—Feb. 4
Discontinue lights—Feb. 4

**For MOTHER'S DAY —
MAY 13, 1956**

First Pinch—Feb. 19
Second Pinch—Mar. 19
Discontinue lights and apply Black Cloth
—Mar. 19

**For MEMORIAL DAY —
MAY 30, 1956**

First Pinch—Mar. 11
Second Pinch—April 5
Discontinue lights and apply Black Cloth
—April 5

SINGLE PINCH METHOD

Use 5 Plants per 6 inch Pot

Plants should be ordered to arrive 14 days ahead of pinch. Pinch on last pinch date, and proceed same as two pinch method

30 Best Garden Varieties for Spring Blooming Pots

YELLOW

Yel. Chris. Columbus
Honeysweet
Gold Lode
Valiant

Pomponette
Chiquita
Yel. Spoon
Ming

BRONZE and RED

W. P. Snyder
Remembrance
Iron Mountain

Calumet (H)
Orsona

WHITE

Chris. Columbus
Silverplate
Maestro
Lyric

Horizon
Marshmallow
Crystal Maid
Ostosa

PINK

Mischief
Alert
Time
Spellbound
Petrisian Rose

Courtier
Joybringer
Major Cushion
Joan Helen

Pompons, Decoratives, Singles and Anemones

WHITE

6-Week Varieties—Pinch July 15

	Normal Flowering Date	Price 50 Only
Ostosa —Intermediate paper white pompon; semi-dwarf plant. Free flowering and early. One of best whites for May and June pots.....	Sept. 25	\$3.75
White Wonder —Intermediate pompon.	Oct. 1	3.75
Chris. Columbus —Intermediate cream decorative. Short, compact, prolific. Garden and pot plants.	Oct. 1	3.25

7-Week Varieties—Pinch July 20

Limelight —Intermediate creamy white solid pompon. Early outdoor cut flower variety.....	Oct. 5	3.75
Avalanche —Large decorative.	Oct. 5	3.75
White Cloud —Large pure white decorative. For garden and pot plants.....	Oct. 5	3.75
Horizon —Pure white intermediate pompon.....	Oct. 5	3.50
Marshmallow —Heavily petalled white daisy. Garden and Mother's Day pot plant.....	Oct. 5	3.75
Gardenia (DePetris)—Intermediate decorative. Ivory. Compact. Responsive. Prolific and showy garden variety.	Oct. 8	4.00
Maestro —White pompon. Dwarf, compact. Excellent for borders and pot plants.....	Oct. 10	3.75
Classic —Small white semi-formal pompon.....	Oct. 10	3.75
Silverplate —White decorative. Outdoor cut flower and spring pot plant variety.....	Oct. 12	3.50

8-Week Varieties—Pinch July 20

Calif. Wh. Daisy (Kimoto's White)—Medium single pure white petals.....	Oct. 15	3.75
Norona —Small white pompon.	Oct. 15	3.75
Silver Ball —Large pompon pure white.....	Oct. 15	3.00
Pilgrim —(YB) Intermediate pompon. Clear white. Durable, compact garden variety.....	Oct. 15	4.00
Blizzard —(YB) Small formal pompon. Clear white. Durable. Productive.....	Oct. 15	4.00
Irene —Small white pompon.	Oct. 20	4.00
Pristine —Pure white pompon, very good under glass, or in cloth house.....	Oct. 20	3.00
Minong —Small white pompon.	Oct. 20	4.00
Creampuff —Intermediate cream white single.....	Oct. 20	3.50
Silvertone —Intermediate white daisy. Good in cloth house and greenhouse.....	Oct. 24	3.50

9-Week Varieties—Pinch July 25

Vesta (New)—White button blooms on good stems with excellent sprays.....	Oct. 25	3.50
Popcorn —Medium pompon very productive, white suffused with pink.....	Oct. 25	3.50
Wh. Popcorn —Medium cream pompon, sport of Popcorn.....	Oct. 25	3.50
Keepsake —White pompon, tall, with good sprays, recommended March thru October. Suffused with light pink during early Spring and late Fall.....	Oct. 25	3.00
Songster —Medium Pompon, pure white.....	Oct. 25	3.50
Pinocchio —Small pompon, hard button white.....	Oct. 25	3.50
★ Granite State —Large white disbud pompon, ideal as pot plant. Responds well.....	Oct. 25	3.25
Cotton Top —Small pompon, pure white.....	Oct. 25	4.00
Monty (U. of Montana)—Large clear white decorative. Breaks freely, spreads well. MEDIUM TREATMENT for pots March thru December.....	Oct. 25	4.00
White Keepsake (Ralph Luce & Son)—Intermediate ivory pompon. Like White Popcorn, it is devoid of pink tinges at low temperatures. Cloth house July thru mid October. At high temperature finish, more ivory than Keepsake.....	Oct. 25	4.00
Shooting Star —Intermediate single.	Oct. 25	4.00
Arcadia —Medium pompon, pure white.....	Oct. 28	3.75
Wh. Doty —Large white pompon, responds well to disbudding.....	Nov. 1	3.50
Silver Cloud —Intermediate white single. April thru October with use restricted to the greenhouse..	Nov. 1	3.50
Cream Halo —Excellent cream colored sport of Halo.....	Nov. 1	3.75
Alaska —(YB) Intermediate white anemone with white cushion. Cloth house July thru mid October. Short crop disbuds April thru November. TALL PROCEDURE for pots in same period.....	Nov. 1	4.00
Seagull —Medium pompon, cream white.....	Nov. 1	3.50
Halo —White daisy, exceptionally good during May thru Sept. under glass.....	Nov. 1	3.50
Venona (New)—Large white daisy suitable for sprays or disbuds. Prominent large disc. Vigorous growth, and strong stems.....	Nov. 1	3.50

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

WHITE

10-Week Varieties—Pinch July 28

	Normal Flowering Date	Price 50 Only
Whitetop —Large white decorative pompon, good under glass or cloth house.....	Nov. 5	\$3.25
Madonna —Medium large clear white pompon showing traces of pink during cool nights in late cloth house. Excellent growth.	Nov. 5	3.25
Encore —Pure white large pompons, on rigid stems, excellent in cloth house and under glass.....	Nov. 5	3.00
★ Richard Mandel —Large cream white pompon disbud good for pots.....	Nov. 5	3.25
Freedom —Intermediate pure white single. For cloth house and the greenhouse.....	Nov. 5	3.50
Iceberg —(YB) Large pompon. Chalk white. Tall, vigorous growth. Tolerates summer temperatures well. Best 10-week white disbud.....	Nov. 5	4.00
Kolowa —Intermediate single.	Nov. 5	4.00
White Anemone —Large anemone.	Nov. 5	3.50
White Mensa —Large single.	Nov. 5	3.50
Rev. Bushnell —Medium pompon, formal type, cream.....	Nov. 8	3.75
Moonglow —Medium white pompon.	Nov. 8	3.75
Lolita (New) —Pure white daisy suitable for sprays. Medium height.....	Nov. 8	3.50
III. Igloo —Good cream white pompon. Responds well to year around flowering.....	Nov. 10	3.25
Dynamo —Medium pompon, good stems, white.....	Nov. 10	3.75
Vesper —Medium large pompon, white.....	Nov. 10	3.75
Pacesetter —Good medium sized white; responds readily to off season flowering.....	Nov. 10	3.25
Calif. Wh. Mensa (Nagona) —Medium single, cream white.....	Nov. 10	3.75
Little America —Small spray anemone, pure white. For pots, good small disbud.....	Nov. 10	3.25
Shasta —Medium large white anemone. Responds throughout the year. Ships well and takes dyes readily.	Nov. 10	2.75
Cream Shasta —Same size and response as Shasta, but cream in color.....	Nov. 10	3.50
III. Snowdrift —Pure white novelty showing traces of pink when first opening. Petals deeply serrated giving it the appearance of a spider pompon. Recommended March thru June and in cloth house late August thru October.....	Nov. 12	3.25
Matchless —Medium pompon, pure white.....	Nov. 12	4.00
White Memorial —Pure white sport except when grown cold. Fine May to November.....	Nov. 12	3.75

11-Week Varieties—Pinch Aug. 1

Wh. Taffeta —Medium decorative, white sport of Taffeta, responds the same.....	Nov. 15	3.75
Wh. Freida —Large anemone, good disbudded or sprays, white.....	Nov. 15	3.00
Snowflurry —Small white button pompon.....	Nov. 15	3.50
Eskimo —Medium single of good substance and stem, white yellow center.....	Nov. 15	4.00
Sculpture —Large single, responds well, ivory white.....	Nov. 15	3.50
White Norma —Large anemone.	Nov. 15	3.50
III. Starflower —Large white spoon type daisy, flowers 6 inches across in sprays. Petals rigid, spaced far apart, giving spider type appearance.....	Nov. 18	4.00
Seafoam —Medium pompon, white.	Nov. 20	3.50
Priscilla —Medium pompon, good producer, ivory white.....	Nov. 20	3.50
III. Peace —Attractive white anemone with cream cushion. Strong stems.....	Nov. 20	4.00
Highbrow —Large ivory decorative of excellent substance. Good late cloth house.....	Nov. 20	3.25
L. Is. Beauty —Large anemone disbud, white yellow center.....	Nov. 20	3.50
Nevada —Intermediate anemone.	Nov. 20	3.50
Crystal Beauty —Intermediate pompon.	Nov. 23	3.75
Paramount —Formal type creamy white large pompon, very good normal season.....	Nov. 23	3.25
III. Bountiful —Medium formal pompon, white green eye.....	Nov. 23	3.75

12-Week Varieties—Pinch Aug. 5

Silvercrest —Small formal white pompon likened to an early Snowcrest.....	Nov. 25	3.75
★ Wh. Lady —Large white anemone disbud, good pot for normal season.....	Nov. 25	3.50
Wh. Yuletide —Medium decorative pompon, pure white.....	Nov. 25	3.00
Wh. Valencia —Large single, responds to disbudding, white.....	Nov. 28	3.25
Cordova —Medium decorative pompon, productive cream white.....	Nov. 30	3.50
Belray —Pure white large flowers on excellent sprays.....	Nov. 30	3.00

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

WHITE — 12-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Fortune —Medium formal pompon, cream white.....	Dec. 1	\$3.25
Monarch —Large decorative pompon, ivory white.	Dec. 1	3.75
Illini Glacier (U. of Illinois)—Large anemone. Clear white with white cushion. Durable. Productive.	Dec. 1	4.00

13-Week Varieties—Pinch Aug. 10

Cotillion —Medium pompon, white.	Dec. 5	3.50
Carrara —Medium decorative, low growth for side benches, pure white.....	Dec. 5	3.50
Wedding Bells —Medium size white pompon with bright green eye, outstanding substance.....	Dec. 5	4.00
Spangles —Medium pompon, pure white.....	Dec. 5	3.50
Wh. Enchantress —Large white anemone, good in sprays or disbudded, responds sharply.....	Dec. 5	4.00
Snowflake —Medium pompon, clear white.....	Dec. 5	4.00
Cameo —Large decorative, very attractive, ivory white.....	Dec. 5	3.50
Acclaim —Large creamy white of excellent substance, responds well.....	Dec. 5	3.00
Swan —Large anemone.	Dec. 5	3.75
Orway —Large white single. An improvement over Yukon in flower quality and growth habit.....	Dec. 8	4.00
Snowdrop —White button pompon.	Dec. 8	3.50
Wh. Snowdrop —Large pompon, sport of Snowdrop, pure white.....	Dec. 8	4.00
Imp. Wh. Supreme —Large anemone disbud, white suffused with pink.	Dec. 10	3.50
Yukon —Medium single, pure white petals.....	Dec. 10	3.50
Ill. Starlet —Small anemone, good substance in sprays white with yellow center.....	Dec. 10	3.75
Snow Queen —Medium pompon, pure white.....	Dec. 10	3.50
Dolomite (DePetris)—Intermediate pompon. Clear white.....	Dec. 13	4.00

14-Week Varieties—Pinch Aug. 15

Snowcap —Large formal white pompon of good substance.....	Dec. 15	3.25
Garza —Medium anemone, good sprays, pure white.	Dec. 15	3.25
Cream Snowcrest —Sport of Snowcrest, cream white.....	Dec. 15	3.75
Silversmith —Large showy white decorative, a very productive pompon.....	Dec. 15	3.00
Trenton —Medium pompon, good form and productive, white.....	Dec. 15	3.75
Snowcrest —White having sharp green center, very attractive when cut before the center is fully opened. Good growth habit.....	Dec. 15	3.25
Satellite —Medium pompon, tall, ivory white.....	Dec. 15	3.50
White Riviera —Intermediate decorative. Ivory.	Dec. 15	3.75
Wh. Kramer —West coast variety. Good shipper and producer, large decorative pompon.....	Dec. 20	3.75
Heirloom —Medium decorative, white.	Dec. 20	3.50

15-Week Varieties—Pinch Aug. 20

Snow —Medium large pompon, cream white.....	Dec. 25	3.25
Revelation —Medium large decorative white.....	Dec. 25	3.00
Muto's White —Large decorative pompon, white.....	Dec. 25	3.00
Ill. Snowbound —Medium large decorative, requires 60 degrees, white.....	Jan. 2	3.50
Talmeda —The latest white pompon without using lights.....	Jan. 5	3.50
Illini Cascade (U. of Illinois)—Large decorative clear white. Tall, responsive.....	Jan. 5	4.00

YELLOW

6-Week Varieties—Pinch July 15

Ming —Orange yellow garden pompon.....	Oct. 1	4.00
Yel. Chris. Columbus —Sport of Chris. Columbus. Intermediate lemon yellow decorative. A proven pot plant from April 15 to October 15.....	Oct. 1	3.25
Moonlight —Intermediate yellow pompon. Short compact growth habit. For borders and pot plants from April 15 to October 15.....	Oct. 1	3.75
Honeycomb —Small pompon.	Oct. 1	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

YELLOW

7-Week Varieties—Pinch July 20

	Normal Flowering Date	Price 50 Only
Polaris —An early yellow daisy. An Arctic hybrid.....	Oct. 5	\$4.00
Chas. Nye —Intermediate decorative.	Oct. 5	3.75
Dwight Douglas —Large decorative cut flower garden variety.....	Oct. 5	4.00
Yellow Spoon —Intermediate yellow spoon single. For garden and pot culture.....	Oct. 5	3.75
Sunstone —A soft yellow spider or spoon type flower. A novel and attractive garden flower and spring pot plant.	Oct. 8	3.75
Lee Powell —Large yellow decorative.....	Oct. 10	3.75
Goldrush —Yellow daisy. Cut flower and pot plant variety.....	Oct. 10	3.75
Treasure —Small yellow pompon. Vigorous, upright habit. Fine cut flower growth.....	Oct. 10	3.75
Bright Forecast —Very formal yellow pompon. Outstanding flower quality.....	Oct. 10	3.50
Lemonade —Ivory yellow decorative. Early cut flower variety. Outstanding for spring pots because of its color.	Oct. 12	3.75
Sweepstake —A small formal yellow pompon.....	Oct. 12	3.75

8-Week Varieties—Pinch July 20

Sarasota —Bright lemon pompon, good stems with excellent spray formation.....	Oct. 15	5.00
Yel. Irene —Small button pompon, light lemon.....	Oct. 15	3.25
Arlora —Large, soft yellow, closely incurved flower. Very good substance.....	Oct. 15	3.75
Sundew —Large yellow decorative. Incurved 4" flower when disbudded.....	Oct. 15	4.00
Moondrift —Intermediate cream yellow single.....	Oct. 20	3.75
Rodell Imp. —Small button pompon, productive, light lemon.....	Oct. 20	3.00

9-Week Varieties—Pinch July 25

Sybil (New) —Excellent multi-petalled daisy with good substance. Yellowish apricot.....	Oct. 25	4.00
Goldfinch —Vigorous golden yellow pompon; responds well. Excellent for cloth house.....	Oct. 25	3.75
Golden Herald —Large golden yellow decorative. Excellent as a disbud or spray.....	Oct. 25	3.25
Yel. Firebird —Medium decorative, deep lemon.....	Oct. 25	3.00
Gold Coast —Bright yellow formal pompon, good year around variety.....	Oct. 25	3.00
Imamura Yel. —Medium single, lemon yellow.....	Oct. 25	4.00
Yel. Dot —Medium pompon, yellow bright center.....	Oct. 25	3.50
Red Dot —Bright yellow pompon with bronze red center.....	Oct. 25	3.00
Starlight —Large yellow daisy. Recommended in greenhouse. Fine disbud in pots.....	Oct. 25	3.75
Cream Dot —Intermediate cream yellow pompon with pink eye.....	Oct. 25	3.75
Ordealia —Large disbud for pots, deep golden.....	Oct. 25	3.75
Sunup —Hard small yellow pompon on well formed sprays, long stems.....	Oct. 28	3.25
Yel. Arcadia —Medium pompon, lemon.	Oct. 28	3.50
Aztec —Golden yellow daisy; good texture, excellent stems and spray formation.....	Oct. 28	3.25
Sauterne —Intermediate intense yellow single. Recommended in greenhouse and cloth house.....	Oct. 30	3.50
Gondola —Large intermediate yellow daisy. Recommended in greenhouse and cloth house.....	Oct. 30	3.75
Yellow Daisy —Intermediate single.	Nov. 1	3.75
Yel. Doty —Large pompon disbud, bronze yellow.....	Nov. 1	3.75
Mary Gold —Medium pompon, serrated petals, deep lemon.....	Nov. 1	3.00
Sch. Yel. Daisy —Medium single, bright lemon.....	Nov. 1	3.50
Calif. Yel. Daisy —Medium single, bright lemon.....	Nov. 1	3.50
Yel. Seagull —Medium pompon, light lemon.....	Nov. 1	3.75
Yel. Cassandra —Medium pompon, stiff stems, deep lemon.....	Nov. 1	4.00
Yel. Halo —Medium single, responds well, deep lemon.....	Nov. 1	3.50
Starbright —Large golden yellow daisy, used July to Nov. under glass.....	Nov. 1	3.50
Mary L. Hall —Medium pompon, responds well Apr. thru Nov., deep lemon.....	Nov. 1	3.00
Sunray —Small yellow anemone grown to sprays. Good response variety.....	Nov. 3	3.25
Honeymoon —Large single, response is good, bright lemon.....	Nov. 4	3.50

10-Week Varieties—Pinch July 28

Or. Beauregard —Orange yellow, sport of Beauregard, very good off season.....	Nov. 5	3.00
Constellation —Medium decorative, deep lemon.	Nov. 5	3.25

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

YELLOW — 10-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Barcarole —Medium pompon, response is good, golden yellow.....	Nov. 5	\$3.25
Crescendo —Large lemon yellow, an off season variety, useful under glass.....	Nov. 5	3.25
Brigadoon —Medium single, lemon yellow.	Nov. 5	3.75
Nuggets —Small pompon, very productive, normal deep lemon.....	Nov. 5	3.75
Pixie —Small pompon, lemon yellow.....	Nov. 5	3.75
Yellow Beauregard —(YB) Intermediate pompon. Clear golden yellow. Valuable in greenhouse and cloth house.	Nov. 5	4.00
Golden Mensa —Large single.	Nov. 5	3.75
Luxury —(YB) Large decorative. Clear yellow. Vigorous, responsive.....	Nov. 8	4.00
Jealousy —(YB) Small pompon. Intense yellow, bright green eye. Hard, ball type.....	Nov. 10	4.00
Ill. Gold —Medium pompon, golden yellow.....	Nov. 10	3.75
Ill. Gold Cup —Large pompon, buttercup yellow.....	Nov. 10	3.25
★ Yel. Beauty —Large pompon disbud, good pot normal season, golden yellow.....	Nov. 10	3.25
Yel. Igloo —Large pompon, lemon yellow, responds to off season flowering.....	Nov. 10	4.00
Yel. Shasta —Large lemon yellow anemone for year around blooming.....	Nov. 10	3.00
Calif. Yel. Mensa (Yel. Nagona) —Medium single, heavy petal, light lemon.....	Nov. 10	3.75
Ill. Petite —Small hard button pompon, orange yellow.....	Nov. 10	5.00

11-Week Varieties—Pinch July 28

Golden Chord —Large yellow pompons on good stems with dark green foliage.....	Nov. 13	3.25
Forty-Niner —A very good responding golden yellow pompon.....	Nov. 15	3.00
Yel. Sculpture —Medium single, sport of Sculpture, same response, lemon yellow.....	Nov. 15	3.75
Susanne Miller —Large anemone disbud, buff yellow.....	Nov. 15	3.50
Yel. Fellow —Medium decorative, very productive, deep lemon.....	Nov. 15	3.75
Tacoma —Medium decorative, good normal blooming, orange yellow.....	Nov. 15	4.00
Princeton —Medium decorative, orange yellow.....	Nov. 15	3.75
Thorobred —Large single, lemon yellow.....	Nov. 15	3.75
Gold Ball —(YB) Intermediate pompon. Golden yellow. Hard, durable. Outstanding in cloth house.	Nov. 15	4.00
Illini Goldilocks (U. of Illinois) —Intermediate decorative. Golden yellow. 60°F or less to develop flower buds.	Nov. 15	4.00
Cheerio (Winkler) —Intermediate anemone. Intense golden yellow. Productive. Compact. Spreads well.	Nov. 15	4.00

Pinch Aug. 1

Yel. L. Is. Beauty —Large anemone disbud, buff yellow.....	Nov. 20	3.50
Klondike —Medium pompon, exceptionally good, March thru May, orange yellow.....	Nov. 20	3.50
Lollipop —Lemon yellow perfect ball pompon, stiff stems, recommended off season.....	Nov. 20	3.00
Pippin —Deep lemon yellow pompons in abundance on good stems.....	Nov. 20	3.25
Bojangles —Medium single intense, lemon yellow.....	Nov. 20	3.75
Yel. Highbrow —Sport of Highbrow can be used wherever Highbrow is used.....	Nov. 20	3.50
Yellow Nevada —Intermediate anemone.	Nov. 20	3.75
Illini Sunspot —Large yellow pompon. Responds to disbudding. Suggested late cloth house.....	Nov. 20	3.75
Mingo Chief —Bronzy yellow anemone best described as a yellow Yolanda.....	Nov. 20	4.00
Sultan —(YB) Large formal decorative. Golden yellow to amber. Vigorous.....	Nov. 22	4.00
Ill. Wampum —Medium anemone, good production, light lemon.....	Nov. 22	3.75
Yel. Rolinda —Medium anemone, good pot normal, buff yellow.....	Nov. 23	3.00
Yel. Paramount —Large pompon, sport of Paramount, deep lemon.....	Nov. 23	3.50

12-Week Varieties—Pinch Aug. 5

Goldenrod —Well formed golden yellow pompon on good stems, uniform response.....	Nov. 25	3.50
Highlander —Medium decorative, heavy grower, deep lemon.....	Nov. 25	3.25
Champagne —Intermediate single.	Nov. 25	3.75
Yel. Priscilla —Medium decorative, lemon yellow.....	Nov. 25	3.00
Goldsmith —Large decorative on good sprays, deep golden.....	Nov. 25	3.25
Sunnyside —Small pompon, very productive, golden yellow.....	Nov. 25	3.25

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

YELLOW — 12-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Yel. Valencia —Large single, good disbud, golden yellow.....	Nov. 28	\$3.50
Yellow Cordova —Intermediate pompon.	Nov. 30	3.75
Omega —Medium pompon, very productive, good substance, golden yellow.....	Dec. 1	3.25
Yel. Galaxy —Sport of Galaxy, deep lemon yellow daisy, wide flat petals.....	Dec. 1	3.50
Yel. Fortune —Sport of Fortune, deep lemon.....	Dec. 1	3.75
Gold Medal —Small button pompon, lemon.....	Dec. 1	4.00

13-Week Varieties—Pinch Aug. 10

Yel. Spangles —Sport of Spangles, deep lemon.....	Dec. 5	3.75
Yel. Enchantress —Large anemone, spray or disbud, good response, light lemon color.....	Dec. 5	4.00
Yel. Acclaim —Large pompon, sport of Acclaim.....	Dec. 5	3.50
Yel. Cameo —Medium decorative, tall, light lemon.....	Dec. 5	3.50
Jackpot —Large decorative, very heavy, good disbud, golden yellow.....	Dec. 5	3.50
Goldtone —Medium single, heavy petal, deep lemon.....	Dec. 5	3.75
Cinderella —Medium single, lemon yellow.....	Dec. 5	3.50
Golden Harvest —Small pompon.	Dec. 5	3.75
Brandywine —A deep orange yellow decorative.....	Dec. 5	3.75
Golden Acclaim —(YB) Intermediate pompon. Golden yellow. Selection from Acclaim.....	Dec. 5	4.00
Goldie —Small pompon, good producer, deep lemon.....	Dec. 10	4.00
Imp. Yel. Supreme —Large anemone disbud, light lemon.....	Dec. 10	3.50
Challenge —Intermediate single.	Dec. 12	3.75
Corsair —Large golden yellow pompons, recommended for Dec. thru March flowering. Responds readily; good sprays and stems.....	Dec. 12	3.00

14-Week Varieties—Pinch Aug. 15

Shamrock —Large decorative, bright lemon.....	Dec. 15	3.25
Sequin —Small pompon, bright lemon.....	Dec. 15	3.75
Yel. Riviera —Medium decorative, bright lemon.....	Dec. 15	3.75
Yel. Satellite —Medium pompon, lemon.	Dec. 15	4.00
Yel. Snowcrest —Light lemon yellow with bright green center. Very attractive when cut before center is fully opened.	Dec. 15	3.50
Yel. Garza —Medium anemone, light lemon.....	Dec. 15	3.50
December Gold —Intermediate decorative.	Dec. 15	3.50
Sunkist —Intermediate deep golden yellow single.....	Dec. 20	3.75
Gold Seal —Medium single, bright lemon.....	Dec. 20	3.75
Vibrant —Large decorative, very good response. Heavy producer, deep lemon.....	Dec. 20	3.25
Sunrise —Medium pompon, responds in low temperature, lemon.....	Dec. 20	3.50
Revelry —Lemon yellow decorative, responds readily to extend the season.....	Dec. 20	3.75
Yel. Kramer —Large decorative, good shipper, used extensively on west coast.....	Dec. 20	3.75
Golden Anniversary —Small pompon.	Dec. 24	3.50
Yel. Snow —Medium pompon, very productive, deep lemon.....	Dec. 25	3.25

Pinch Aug. 20

Yel. Revelation —Medium pompon, good production, lemon yellow.....	Dec. 25	3.00
Yuleflame —Large decorative, deep lemon.....	Dec. 25	3.50
Siren —Medium decorative, lemon yellow.....	Dec. 25	3.25
Ill. Yel. Snowbound —Medium decorative, light lemon.....	Jan. 2	3.50

15-Week Varieties—Pinch Aug. 20

Golden Snowbound —Intermediate decorative. Golden yellow. Natural flowering. Low temperature finish.	Jan. 5	4.00
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★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

BRONZE AND RED

6-Week Varieties—Pinch July 15

	Normal Flowering Date	Price 50 Only
Orloma —Apricot red decorative. Compact plant. Suitable for spring pot plants.....	Sept. 25	\$4.00
Orsona —A red bronze decorative with a bushy growth habit. A variety for garden and pot plant culture.	Sept. 25	4.00
Mme. Cadillac —Large wine red pompon with exceptional substance. A garden variety with a semi-dwarf compact habit.	Oct. 1	4.00
W. P. Snyder —Intermediate decorative. Apricot bronze. For garden and pot plant culture.....	Oct. 1	3.75
Mogul —Intermediate orange rust decorative.....	Oct. 1	4.00
Bonfire —Intermediate pompon.	Oct. 1	3.75

7-Week Varieties—Pinch July 20

Remembrance —Intermediate red pompon, compact growth. For garden and pot plant culture.....	Oct. 5	3.50
Mona —Very hard, intermediate bronze pompon. A variety for border and pot culture.....	Oct. 5	3.50
Regina —Large informal apricot bronze decorative.....	Oct. 5	4.00
Huntsman —Orange bronze decorative.	Oct. 5	3.75
Firecracker —Mahogany bronze decorative.	Oct. 5	4.00
Success —A crimson decorative.	Oct. 8	4.00
Red Velvet —Intermediate decorative.	Oct. 10	3.50
Orangeade —(YB) Intermediate daisy. Orange bronze. Vivid color. Compact. Prolific garden variety.	Oct. 10	4.00
Bamboo —A buff bronze daisy.....	Oct. 10	3.75
Caravan —Large salmon bronze decorative, garden type, compact rugged growth.....	Oct. 10	4.00
Orpheus —A roman red pompon for cut flower use.....	Oct. 10	4.00
Carmine Queen —Carmine red pompon.....	Oct. 10	3.75
Carnival —Small pompon.	Oct. 10	3.75
Nocturne —An early crimson cut flower variety for field or greenhouse.....	Oct. 12	3.75
Mrs. DuPont —Large decorative. Color is a warm bronze.....	Oct. 12	3.75
Admiral —Dark crimson red decorative.....	Oct. 12	4.00

8-Week Varieties—Pinch July 20

Robinhue —A very double, large red decorative.....	Oct. 15	3.75
Red Ethrelda —Intermediate anemone. Coral red. Dwarf. Compact. Responsive. Spreads well.....	Oct. 15	3.75
Radiance —(YB) Intermediate decorative. Red. Responds uniformly. Non-fading. Valuable garden variety.	Oct. 15	4.00
Calumet —Bronze pompon of superior quality for cut flower purposes. Fine for greenhouse, early cloth house crop and the garden.....	Oct. 15	3.75
Detroit —Small pompon.	Oct. 15	4.00
Rajah —Large scarlet red daisy with good stems and sprays.....	Oct. 15	3.75
James Stewart —Apricot golden; small pompon, on good stems and sprays.....	Oct. 15	3.75
Adelaide —Small pompon, dark bronze.....	Oct. 20	3.00
Paradise —Deep coral red daisy, recommended Mar. thru June or normal.....	Oct. 20	3.75
Jemima —Large pompon, dark bronze.....	Oct. 20	3.00
Paxon —Luminous bronze pompon, with deeply serrated petals; small glossy foliage.....	Oct. 20	3.75
Br. Mary McArthur —Medium pompon, sport of Mary McArthur, orange bronze.....	Oct. 20	3.75
Talisman —Talisman bronze; intermediate daisy. Recommended in greenhouse and cloth house.....	Oct. 20	3.75

9-Week Varieties—Pinch July 25

Bonton —Medium pompon, orange bronze.....	Oct. 25	3.00
Firebird —Medium decorative, reddish bronze.....	Oct. 25	3.75
Buckskin —Tawny bronze daisy, good producer responds to off season blooming.....	Oct. 25	3.50
Gaiety —Intermediate coral bronze single.....	Oct. 25	3.50
Bronze Dot —Intermediate pompon.	Oct. 25	3.25
Oct. Bronze —Medium single, rosewood orange.....	Oct. 28	3.00
Seneca —Intermediate decorative.	Nov. 1	3.75
Bronze Daisy —Intermediate single.	Nov. 1	3.75
Red Daisy —Intermediate single.	Nov. 1	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

BRONZE AND RED — 9-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Buccaneer —Medium single, responds to off season blooming, rich orange apricot.....	Nov. 1	\$3.50
Imp. Br. Daisy —Medium single, intense orange bronze.....	Nov. 1	3.75
Navaho —Medium pompon, mahogany red.....	Nov. 1	3.75
Br. Buckingham —Medium single, bright orange bronze.....	Nov. 1	3.75
Imp. Red Daisy —Medium single, bright deep red.....	Nov. 1	3.50
Red Seneca —Medium decorative pompon, reddish bronze.....	Nov. 1	3.75
Flame Glow —Medium single, good spray and foliage, bright golden orange.....	Nov. 1	3.75
Firefly —Medium pompon, red.	Nov. 1	3.75

10-Week Varieties—Pinch July 28

Jetfire —Flaming bronze red, medium decorative pompon, excellent as cut flower.....	Nov. 5	3.50
Rubicon —Large bronze red decorative of good substance, good in greenhouse.....	Nov. 5	3.25
Butterscotch —Medium pompon, tawny bronze.....	Nov. 5	3.50
Beauregard —Orange bronze decorative pompons, good substance. Responds for off season schedules.	Nov. 5	3.00
Magician —Large pompon, red bronze.....	Nov. 5	3.50
Red Rust —Medium pompon, rust bronze.....	Nov. 5	3.75
Cassandra —Medium pompon, orange bronze.....	Nov. 5	3.75
Bittersweet —Medium single, bright red.....	Nov. 5	3.50
Comanche —Intermediate pompon, reddish bronze.....	Nov. 5	4.00
★ Gypsy —Small anemone, good pot, normal and cloth house. Red bronze... ..	Nov. 8	3.50
Samovar —Intermediate pompon.	Nov. 10	3.50
Sylvanna —Intermediate single.	Nov. 10	3.75
Firegleam —Fiery orange intermediate decorative. Fine in pots.....	Nov. 10	3.75
Bronze Thyra —Intermediate pompon.	Nov. 10	4.00
Bronze Pandora —Bright coral bronze sport of Pandora.....	Nov. 10	3.75
Climax —(YB) Intermediate pompon. Intense orange. Vivid color stimulates demand for bronze....	Nov. 10	4.00
Barbara Fuller —Medium deep coral red anemone, excellent late fall pot plant.....	Nov. 10	3.75
★ Copperhead —Very large coppery bronze decorative, good disbudded or in sprays.....	Nov. 10	3.25
Chevron —Intense mahogany red withstands summer and early fall heat.....	Nov. 10	3.50
The Titan —Large anemone, disbud or spray, scarlet crimson.....	Nov. 10	3.75
Chanticleer —Large pompon, reddish bronze.	Nov. 10	3.75
Bronze Linda Lou —A color sport of Linda Lou.....	Nov. 10	3.75
Amberhue —(YB) Intermediate daisy. Orange-bronze. Green eye.	Nov. 10	4.00
Bronze Tuxedo —Large anemone.	Nov. 10	4.00
Gold Braid —A two-tone bronze pompon.....	Nov. 12	4.00
Paragon —Large decorative, late cloth house, red.	Nov. 12	3.50
Br. Masterpiece —Large pompon, good disbud, responds well, rosewood.....	Nov. 12	3.75
Ill. Tangier —Large pompon, rust red.	Nov. 12	4.00
Dk. Br. Masterpiece —Improvement over Br. Masterpiece, good as disbud or spray. Dark bronze....	Nov. 12	3.50
Red King —Intermediate red daisy, short, compact, compound spray. Recommended as pot plant....	Nov. 12	3.75
Cadet —Small red anemone, good pot, normal.....	Nov. 14	3.75

11-Week Varieties—Pinch July 28

Shalimar (GHSE)—Orange bronze anemone, short, compact, well suited for pot plants.....	Nov. 15	3.75
Red Princeton —Medium decorative, brazil red.....	Nov. 15	3.75
Mrs. Dewey —Medium single, heavy petal, deep orange bronze.....	Nov. 15	3.75
Illini Honey —Small honey amber pompon.....	Nov. 15	3.75
Ill. Redhead —Small pompon, very productive, dark red.....	Nov. 17	3.75

Pinch Aug. 1

Rubaiyat —Velvety red formal pompon, excellent for extending season.....	Nov. 20	3.75
Thelma —Medium size orange scarlet pompon, rigid stems. Responds to late shading.....	Nov. 20	3.25
Legal Tender —Medium decorative, red gold.....	Nov. 20	3.50
Rusticon —Large pompon, rust bronze.....	Nov. 20	3.25
Ill. Warrior —Medium pompon, dark orange bronze.....	Nov. 20	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

BRONZE AND RED — 11-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Bourbon—Intermediate single.	Nov. 20	\$3.75
III. War Paint (U. of Illinois)—Large decorative. Smooth maroon red. Heavy, vigorous growth....	Nov. 22	4.00
Olnura (DePetris)—Large anemone. Apricot bronze. Valencia size disbud. Superb color.....	Nov. 22	4.00
Carousel—Intermediate single.	Nov. 23	3.75
Festival—Intermediate single. Short growth habit.....	Nov. 23	3.50
Bronze Minuet—Intermediate pompon.	Nov. 23	3.50
Red Rolinda—Intermediate anemone. For November and December. Price class.....	Nov. 23	3.50
III. Redwood—Large pompon, good normal bloomer, reddish bronze.....	Nov. 23	3.75
Dk. Br. Minuet—Medium pompon, dark rosewood salmon.....	Nov. 23	4.00

12-Week Varieties—Pinch Aug. 5

Br. Goldsmith—Large decorative, responds to off season blooming, mars orange.....	Nov. 25	3.25
Yolanda—Small anemone, productive, orange bronze.....	Nov. 25	3.75
Falcon—Intermediate reddish bronze pompon.....	Nov. 25	3.75
Crimson Valencia—Large single, good disbud or spray, red crimson.....	Nov. 28	3.50
Indian Head—Medium single, good production, reddish apricot.....	Nov. 28	3.50
Apr. Valencia—Large single, disbud or spray, apricot.....	Nov. 28	3.50
Orange Galaxy—A color sport from Galaxy.....	Dec. 1	4.00
Amberina—Medium decorative, orange bronze.....	Dec. 1	3.75
Galaxy—Orange scarlet single, responds readily, excellent for extending the season.....	Dec. 1	3.25
Red Heritage—Medium Pompon, sport of Heritage, salmon red.....	Dec. 1	4.00

13-Week Varieties—Pinch Aug. 10

Br. Enchantress—Large anemone, disbud or spray, responds off season. Orange scarlet.....	Dec. 5	3.75
Red Enchantress—Red sport of Enchantress, responds readily to off season blooming.....	Dec. 5	4.00
Debonair—Large pompon, responds nicely for Christmas. Crimson red.....	Dec. 5	3.50
Dazzler—Coppery bronze partial anemone.....	Dec. 5	3.75
Mahogany Viking—Intermediate decorative.	Dec. 5	3.75
Red Supreme—Large anemone.	Dec. 10	3.75
Holiday—Intermediate single.	Dec. 10	3.50
Pageantry—Medium decorative, crimson red.	Dec. 10	3.75
Cavalcade—Medium pompon, very good normal bloomer, mandarin red and gold.....	Dec. 10	4.00
Harlequin—Medium size crimson red decorative, very good for Christmas.....	Dec. 10	3.75
Imp. Br. Supreme—Large anemone, disbud, buff apricot.	Dec. 10	3.75
Christ. Star—Red Daisy, excellent winter variety, responds to extended off season.....	Dec. 12	3.25
Br. Minstrel—Medium pompon, coral bronze.....	Dec. 12	3.50
Red Minstrel—An Imp. Br. Minstrel, reddish bronze.....	Dec. 12	3.75
Dk. Br. Minstrel—Medium pompon, deep reddish bronze.....	Dec. 12	3.50

14-Week Varieties—Pinch Aug. 15

Br. Riviera—Medium decorative, luminous orange bronze.....	Dec. 15	3.50
Christ. Greetings—Large decorative red pompon, responds well for extending the season.....	Dec. 15	3.25
Topaz—Medium single, orange bronze.	Dec. 15	3.75
Claret—A brilliant red daisy.....	Dec. 15	3.75
Sarong—Intermediate single.	Dec. 15	3.75
Br. Kramer—Bronze decorative; good shipper, used extensively along the west coast.....	Dec. 20	3.75
Merrymaker—Medium single, responds Dec. thru March, crimson with bronze reverse.....	Dec. 20	3.25
Poinsettia—Large bright red daisy, sparse production, but beautiful for Christmas.....	Dec. 20	3.25
Brick Red Kramer—Brick red decorative, pompons, stiff stems and good sprays.....	Dec. 20	3.75
Copper Kramer—Bright copper decorative.	Dec. 20	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

PINK

6-Week Varieties—Pinch July 15

	Normal Flowering Date	Price 50 Only
Orchid Helen —Small light lavender decorative for the early garden. Price class.....	Sept. 25	\$4.00
Early Wonder —Intermediate pompon.	Oct. 1	3.75
Sonny —Small salmon pink button pompon for garden cut flowers. Price class.....	Oct. 1	4.00
Spellbound —Intermediate decorative.	Oct. 1	3.25
Alex Cummings —A large salmon pink decorative for garden cut flowers. Price class.....	Oct. 3	4.00

7-Week Varieties—Pinch July 20

Petrisian Mauve —For the garden and spring pot plants.....	Oct. 5	4.00
Petrisian Pink —For the garden and spring pot plants.....	Oct. 5	4.00
Petrisian Rose —For the garden and spring pot plants.....	Oct. 5	4.00
Miguel —Strawberry pink decorative. A garden cut flower variety.....	Oct. 10	4.00
Courtier —Lavender pink decorative. Good as an early pot plant. Price class.....	Oct. 10	4.00
Dream Girl —Intermediate pompon.	Oct. 10	4.00
Corona —Raspberry pink daisy for the garden.....	Oct. 10	4.00
Lassie —Large dark pink decorative.	Oct. 10	3.75
Joybringer —Salmon rose decorative. For borders and pot culture. Price class.....	Oct. 10	3.50
Sweetheart —Light lavender pink daisy.....	Oct. 10	4.00
Northern Queen (DePetris) —Intermediate decorative. Superb garden variety, semi-dwarf habit. Very hardy.	Oct. 12	4.00
Allegro —Small decorative.	Oct. 12	4.00
Masquerade —Small pompon.	Oct. 12	3.75
Ronnie —Dark lavender button pompon.	Oct. 12	4.00
Lavender Lady —Light lavender decorative.	Oct. 12	4.00
Sonnet —Intermediate salmon pink pompon. For the garden and spring pot plant.....	Oct. 14	4.00
Betty —Intermediate light pink decorative.....	Oct. 14	3.75

8-Week Varieties—Pinch July 20

Citation —Pink pompon, short, compact, good spring pot, grown in sprays.....	Oct. 15	3.75
★ Fairyland —Medium decorative, good spring pot, lavender.....	Oct. 15	3.75
Jewell —Lavender pink button pompons, very versatile, responds as spring pot.....	Oct. 15	3.50
Jester —Medium single, dark orchid.	Oct. 15	4.00
Cupid —(YB) Small decorative. Pink. Unique dahlia form. Dwarf.....	Oct. 15	4.00
Ethelda —Intermediate anemone. Orchid pink. Dwarf. Responds well. Dependable pot plant.....	Oct. 15	3.75
Enterprise —Intermediate pink pompon. Excellent substance.....	Oct. 15	3.75
Elizabeth Hood —Large light orchid pink pompon.....	Oct. 15	3.75
Mayfair —Pink single, responds to off season flowering.....	Oct. 15	3.75
Mirth —Intermediate pink single. Especially valuable in spring flowering.....	Oct. 20	3.50
Tsukushi Pink —Light pink single, a variety used on the west coast.....	Oct. 20	4.00
Carolyn Yosick —Medium decorative, lavender.	Oct. 20	3.50
Capt. Cook —Medium pompon, responds well to shading, deep rose.....	Oct. 23	3.00
Mary McArthur —Small pompon, salmon rose.	Oct. 23	3.75
Prelude —Intermediate coral pink single. Recommended in cloth house and greenhouse.....	Oct. 24	3.75

9-Week Varieties—Pinch July 25

Elvira (New) —Semi dwarf pink daisy suitable for growing in sprays.....	Oct. 25	4.00
Reveille —(YB) Small pompon. Pink. Requires low temperature finish.....	Oct. 25	4.00
Vogue —Large pink single. Beautiful form and substance. Good in cloth house.....	Oct. 25	3.50
Pk. Dot —Medium pompon, light lavender.....	Oct. 25	3.25
Pinkette —Medium pompon, responds well Apr. thru Oct., lavender pink.....	Oct. 25	3.50
Jessie —Medium pompon, solid pink sport of Pk. Dot, light lavender.....	Oct. 25	3.75
Reward —Bright pink daisy, responds to year around blooming.....	Oct. 25	3.25
Oct. Pink —Medium single, light lavender.....	Oct. 25	3.75
Betty Rose —Large anemone.	Oct. 25	3.75
★ Bluechip —Medium large decorative, luminous orchid pink, responds off season flowering.....	Nov. 1	3.00
Lillian Doty —Large pompon, good disbud for off season, light lavender.....	Nov. 1	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

PINK — 9-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
W. H. Buckingham (Pk. Calif. Daisy)—Medium single, lavender rose pink.....	Nov. 1	\$3.25
Ballerina—Medium single, lavender pink.	Nov. 1	3.75
★Portrait—Luminous orchid pink, short growth, off season blooming.....	Nov. 1	3.00
Pk. Calif. Daisy—Intermediate single.	Nov. 1	3.75
Rainbow—Intermediate coral pink single. Suggested season April to June 15 and September 10 to November 1.	Nov. 1	3.75
Lotus—Intermediate pink pompon.	Nov. 3	4.00
Tempo—Large pink decorative, dark lavender, recommended for cloth house culture.....	Nov. 3	3.75

10-Week Varieties—Pinch July 28

Onecta (New)—Pale pink quilled large flower, unusual substance. Strong semi-dwarf stems. . Suitable for novelty pots, blooms Nov. 5th.....	Nov. 5	4.00
Parisienne—Intermediate shell pink single.	Nov. 5	3.50
Delight—(YB) Intermediate daisy. Durable. Striking color. Fresh appearance.....	Nov. 5	4.00
Dreamboat—Intermediate pompon.	Nov. 5	3.75
Dk. Bulkeley—Medium pompon, solid perfect form, deep lavender.....	Nov. 8	3.75
★Criterion—Large decorative pompon, suitable for disbudding, low and bushy.....	Nov. 8	3.25
Bonnie—(YB) Intermediate pompon. Formal and hard.	Nov. 10	4.00
Nobility—Intermediate light pink single. Recommended in greenhouse and the cloth house.....	Nov. 10	3.75
Dk. Pk. Pandora—(YB) Intermediate decorative. Dark pink. Selection from Pandora.....	Nov. 10	3.75
Salmon Pandora (George)—Intermediate decorative. Salmon. Unparalleled color for cloth house and greenhouse.	Nov. 10	4.00
Scintillation—(YB) Intermediate pompon. Pink. Superb cloth house variety. Requires 60° bud initiation.	Nov. 10	4.00
Soprano—Large single.	Nov. 10	3.75
Tuxedo—Large anemone.	Nov. 10	3.75
Pennant—Deep pink decorative, holds color well and responds well.....	Nov. 10	3.50
Cover Girl—Medium anemone, compact growth, light lavender, recommended for side benches....	Nov. 10	3.75
★Humdinger—Large violet formal pompon, low compact growth, good pot plant.....	Nov. 10	3.25
★Queen of Pinks—Small incurved pink disbud, responds off season blooming; good substance.....	Nov. 10	3.00
Dk. Linda Lou—Small anemone, sport of Linda Lou, dark lavender.....	Nov. 10	3.50
Linda Lou—Small anemone lavender, productive in sprays, responds off season blooming.....	Nov. 10	3.50
Pandora—Large decorative pompon, deep pink, good normal season and cloth house.....	Nov. 10	3.50
Thyra—Large pompon, good pot normal, disbud, dark lavender.....	Nov. 10	3.50
Sal. Masterpiece—Sport of Masterpiece, salmon rose.	Nov. 12	3.75
Masterpiece—Bright deep lavender, responds to off season flowering, very productive.....	Nov. 12	3.25
Rose Masterpiece—Sport of Masterpiece, light rose.	Nov. 12	3.50
Memorial—Medium anemone, lavender pink.....	Nov. 12	3.75
Taffeta—Two tone soft pink decorative, responds readily off season flowering.....	Nov. 12	3.25
III. Regal—Medium pompon, novelty good production, royal purple.....	Nov. 12	4.00
III. Springtime—Warm rich pink daisy; good shipping qualities, responds well.....	Nov. 12	4.00
Celebration—(YB) Intermediate pompon. Salmon pink. Clean, productive habit. New, versatile color.	Nov. 12	4.00
Anthem—(YB) Intermediate anemone. Pink. Cloth house August thru mid October.....	Nov. 12	4.00

11-Week Varieties—Pinch Aug. 1

Orch. Beauty—Medium anemone, good sprays and growth, orchid lavender.....	Nov. 15	3.75
Freida—Large anemone, disbud or spray, light lavender pink.....	Nov. 15	3.25
Arbutus—Small pompon, light pink.	Nov. 15	3.75
Dk. Norma—Large anemone disbud, dark lavender.....	Nov. 15	3.50
Carole—Light pink anemone with salmon pink cushion.....	Nov. 15	4.00
Brocade—Intermediate single.	Nov. 15	3.50
Delmar (DePetris)—Intermediate pompon. Almega pink. Vigorous. Productive. Distinctive dot color contrast.	Nov. 15	4.00

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

PINK — 11-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Ill. Formal —Large decorative, quilled petal, lavender pink.....	Nov. 18	\$3.75
Nugano —Medium pompon rose pink in color, very desirable for Thanksgiving.....	Nov. 20	3.75
Majorette —Medium anemone, light lavender pink.....	Nov. 20	3.75
Grand Slam —Medium large single, good normal bloomer, silvery pink.....	Nov. 20	3.50
Pk. L. Is. Beauty —Large disbud anemone, light lavender.....	Nov. 20	3.50
Pinky —Medium decorative, lavender pink.....	Nov. 20	3.75
Almega —Large pompon, form and color good, light lavender.....	Nov. 20	3.25
Vivacious Lady —Spoon type novelty.....	Nov. 20	3.75
Dk. Pk. L. I. Beauty —An intensified color selection of Pink L. I. Beauty. Price class.....	Nov. 20	3.75
Polka —Medium anemone, recommended Oct. thru June as pot, lavender pink.....	Nov. 20	4.00
Minuet —Medium pompon, good form and substance, rose pink.....	Nov. 23	3.25
Dk. Pink Minuet —A deep pink sport of Minuet.....	Nov. 23	4.00

12-Week Varieties—Pinch Aug. 5

Princess —Small pink pompon, good sprays and stems; responds off season blooming.....	Nov. 25	3.50
★ Beaut. Lady —Large lavender pink anemone, good pot plant for extending season.....	Nov. 25	3.25
Illini Roseglow (U. of Illinois)—Intermediate pompon. Pink. Requires low temperature (Max. 55°) finish. Best dissprayed.....	Nov. 25	4.00
Pink Cloud —Light pink decorative. Greenish overcast until mature. Price class.....	Nov. 25	3.75
Hasegawa Pink —Intermediate lavender single.....	Nov. 25	3.75
Dubonnet Valencia —Dubonnet sport of Valencia.....	Nov. 28	3.75
Orchid Valencia —Large single.....	Nov. 28	3.75
Valencia —Large single, disbud or spray, responds well, rose pink.....	Nov. 28	3.50
Sal. Valencia —Large single disbud or spray, responds well, salmon pink.....	Nov. 28	3.75
Dk. Valencia —Large single disbud or spray, responds well, orchid pink.....	Nov. 28	3.25
Heritage —Large dark pink formal pompon, good production, responds to off season blooming, recommended Dec. thru March.....	Dec. 1	3.50

13-Week Varieties—Pinch Aug. 10

Dk. Enchantress —Large anemone, disbud or spray, dark lavender.....	Dec. 5	3.50
Enchantress —Large anemone, can be grown as disbud or sprays, should be used more for extending season; responds sharply with bud set. Beautiful pink that makes a big showing.....	Dec. 5	3.50
Debutante —Large pink daisy, responds sharply to off season blooming, very nice color, with good sprays and growth habit.....	Dec. 10	3.25
Argyle —Small pompon, good substance, light pink.....	Dec. 10	3.75
Pink Supreme —Large anemone. Pink. Habit resembles Imp. White Supreme.....	Dec. 10	3.75
Imp. Dk. Supreme —Large anemone, disbud, lavender pink.....	Dec. 10	3.50
Ruffled Supreme —Large anemone, disbud, lavender pink.....	Dec. 10	3.25
Lt. Pk. Minstrel —Sport of Minstrel, shell pink.....	Dec. 12	3.50
Minstrel —Medium pompon, good substance, lavender pink.....	Dec. 12	3.25
Imp. Pk. Minstrel —Beautiful pink pompon, produced on good sprays with good stems and foliage. Good normal season and delays well at 60 degrees.....	Dec. 12	3.75
Dk. Pk. Minstrel —A clear, clean deep mulberry shade of Minstrel. Price class.....	Dec. 13	3.75

14-Week Varieties—Pinch Aug. 15

Coronet —Medium single, dark pink.....	Dec. 15	3.75
Riviera —Medium decorative, responds Dec. thru March, lavender rose pink.....	Dec. 15	3.25
Dk. Riviera —Medium decorative, deep lavender, same as Riviera except darker.....	Dec. 15	3.00
Serrated Riviera —Saw-tooth petalled sport of Riviera.....	Dec. 15	3.75
Burgundy Kramer —Medium decorative, burgundy.....	Dec. 20	3.75
Shell Pk. Kramer —Medium decorative, light pink.....	Dec. 20	3.75
Amer. Beauty Kramer —Rose pink decorative pompons, produced on excellent growth with good stems and foliage.....	Dec. 20	3.75

★Recommended for Pot Culture

Pompons, Decoratives, Singles and Anemones

PINK — 14-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Pk. Kramer —Medium decorative, rosy lavender.....	Dec. 20	\$3.75
Peach Kramer —Medium decorative, salmon peach pink.....	Dec. 20	3.75
Dk. Pk. Kramer —Medium decorative, dark lavender pink.....	Dec. 20	3.75
Pk. Treas. Is. —Medium decorative, light lavender.....	Dec. 20	3.00
Defiance —Intermediate decorative.	Dec. 20	3.50
Rose Medallion —Rose pink sport of Medallion.....	Dec. 20	3.75
Medallion —Lavender rose pompon, produced on good growth, recommended Dec. thru Feb. for off season flowering.	Dec. 20	3.50
Rosalind —Medium single, lavender pink.....	Dec. 20	3.50
Sophilia (DePetris) —Latest small pink pompon. Similar to Snowcrest in size and habit. Natural season flowering.	Dec. 25	4.00
Lynda McLane —Medium pompon, light lavender, good growth habits, excellent late pink pompon...	Dec. 25	4.00
Alvoda (DePetris) —Large decorative. Smooth Portrait pink. One of the best for spray programs late November thru February. Free growth.....	Dec. 25	4.00

★Recommended for Pot Culture.

GARDEN VARIETY COLLECTIONS

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following Collections which include the better varieties for each specific purpose.

COLLECTION No. 1

Taller varieties for Cutting

COLLECTION No. 3

Half for Cutting
Half for Bedding

COLLECTION No. 2

For Bedding or Pots

COLLECTION No. 4

For Easter, Mother's Day,
or Memorial Day Pots

COLLECTION No. 5

Cushion Varieties Only

COLLECTION PRICES Per 100

300 - 550

\$5.00

600 - 850

\$4.75

900 Up

\$4.25

SPECIAL COLLECTIONS — GROWERS' SELECTIONS

Collections available at reduced prices, if you leave choice of varieties up to our grower. Please specify:

1. Greenhouse or Garden Varieties, Standards or Pompons.
2. Time you want them to flower.
3. Colors and flower types.
4. Time of shipment.
5. Week Groups.

This reduction in price is made only because our grower can select varieties that are in good supply at the time you want shipment. Only our usual top grade cuttings will be shipped, and they will be properly labeled as to variety.

Rooted Cuttings of a given number of varieties may be ordered as a Collection. Example—500 R.C. - 50 each of 10 varieties, or 350 R.C. - 50 each of 7 varieties. Any desired quantity may be ordered in units of 50 or more. Minimum collection is for 300 R.C.

COLLECTION PRICES Per 100

300 - 550

\$5.00

600 - 850

\$4.75

900 Up

\$4.25

Standards

WHITE

8-Week Varieties—Pinch July 20

	Normal Flowering Date	Price 50 Only
Silver Sheen —Medium incurved, white.....	Oct. 20	\$3.25
White Chief —Intermediate incurved	Oct. 20	3.50
Christina —Small incurved	Oct. 23	3.50

9-Week Varieties—Pinch July 25

Silver Queen (New)—White spider of excellent quality, with superb stem and foliage.....	Oct. 25	3.75
Nightingale —A beautiful white spider with a Chartreuse green overcast. Excellent shipper.	Oct. 25	3.25
Ambassador —Large incurved, cream white.	Oct. 25	3.50
Marblehead —(YB) Small incurve. Clear white. Temp. tolerance of Silver Sheen. Durable. Responsive. Best early white for short crop program May thru Nov.....	Oct. 25	4.00
Granite State —Small semi-incurved.	Oct. 25	3.25
Luna —(YB) Small incurve. Cream. Temperature tolerance of Indianapolis. Compact. Uniform. Restrict to pot plant programs.	Oct. 25	4.00
Snow White —Large incurved, white.	Nov. 1	3.00
Kay Tashima —Spider, white.	Nov. 1	3.75
★ Queen's Lace —Artistic pure white spider, responds off season flowering Sept. thru Nov. and March thru May as pot plant, requires staking, should be pinched 10 days after starting short days.	Nov. 1	3.25
★ Wilson's White —Large pure white incurved with loose petals, the best white pot variety for year around flowering.	Nov. 1	2.75
Albatross —Large incurved pure white standard, used extensively along the west coast, good shipper on excellent stems. A good variety for All Saint's Day.....	Nov. 1	3.00
Wh. Mary Garden —White Spider, sport of Mary Garden.....	Nov. 1	3.75

10-Week Varieties—Pinch July 28

Giant Betsy Ross —Pure white sport of Betsy Ross, large incurved standard, excellent normal season variety. Recommended for June thru Oct. flowering.....	Nov. 5	3.00
Betsy Ross —Large incurved, white.	Nov. 5	3.00
Wh. Rayonnante —Large white spider, straight tubular petals, flowers have good substance and ship exceedingly well, off season blooming Sept. or in cloth house.....	Nov. 5	3.50
★ Ind. White —Large incurved pure white standard, excellent for off season blooming, recommended March thru May and Oct. thru Dec.....	Nov. 5	2.75
Richard Mandel —Small incurved.	Nov. 5	3.75
Susan Leighton —Large spider. Ivory white. Standard and pot plant program. Tall procedure for pots October thru November. Finish cool.	Nov. 6	3.75
Jean Elizabeth —Large semi-incurved.	Nov. 10	3.50
Wh. Fern Edwards —Medium incurved, white.	Nov. 10	3.00
Monument —Medium incurved, cream white.....	Nov. 10	3.25
Crystal Queen (Imp. Jean Elizabeth)—An Imp. Jean Elizabeth in clearness of color, excellent for off season, for Nov. thru March.....	Nov. 10	3.25
Kegon's White —Large spider, white.	Nov. 10	3.00
Wh. Pockett —Large exhibition white.	Nov. 10	3.50

11-Week Varieties—Pinch Aug. 1

Sterling —Large incurved, white.	Nov. 15	3.50
Marketeer —Medium incurved, white.	Nov. 18	3.25
Indiana Market —Intermediate incurved.	Nov. 20	3.75
Mefo —Large incurved cream white, responds off season blooming, recommended Nov. thru March.	Nov. 20	3.00
Cream Mefo —Large incurved, cream.	Nov. 20	3.50
★ Wh. Frick —Medium semi-incurved, white suffused with pink.	Nov. 20	3.50
Wh. Peter John —Medium reflexed white, used along West Coast, grown as disbuds or China mums.	Nov. 23	3.75

12-Week Varieties—Pinch Aug. 5

Chattanooga —Large incurved white, very good for normal bloom and used for extended blooming Dec. thru March through the south.....	Nov. 25	3.25
Dec. Glory —Medium incurved, perfect form, good shipper, white.....	Dec. 1	3.25
Marg. Moeller —Medium incurved, white.	Dec. 3	3.50

★Recommended for Pot Culture

Standards

WHITE

13-Week Varieties—Pinch Aug. 10

	Normal Flowering Date	Price 50 Only
Dec. White —Medium incurved, white.	Dec. 5	\$3.50
Wh. Mistletoe —Medium incurved, white.	Dec. 5	3.75
Snowline —Large incurved, white.	Dec. 10	3.50
Smith's White —A medium size white, semi-incurved, used for late normal blooming, does not respond too well in delayed blooming.	Dec. 13	3.25
Smith's Cream White —Medium incurved, sport of Smith's White, cream white.	Dec. 13	4.00

YELLOW

8-Week Varieties—Pinch July 20

Harvest Golden —Medium incurved, deep golden.	Oct. 15	3.50
★ Gold Lode —Reflexed golden yellow. Good Spring pot, and large garden disbud.	Oct. 15	3.50
Celestra —Small incurved, very solid mum, bright lemon.	Oct. 15	3.75
Honeysweet (DePetris)—Semi-incurved disbud. Medium yellow. Showy variety as a disbud.	Oct. 15	4.00
Valiant (DePetris)—Small semi-incurve. Moonlight yellow. Large garden variety.	Oct. 15	4.00
Sunburst (DePetris)—Intermediate reflexed decorative. Golden yellow. Vigorous. Prolific.	Oct. 20	4.00
Butterball (GHSE)—Small incurved, light golden.	Oct. 20	3.50
Mrs. Kidder —Medium incurved, responds well, deep lemon.	Oct. 20	3.50
★ Blazing Gold —Medium sized, used extensively as pot plant and early mum.	Oct. 23	3.00
Georgia —Intermediate incurve. Dark yellow. Dwarf. Compact. Intolerant to low light intensities.	Oct. 24	4.00

9-Week Varieties—Pinch July 25

Moribana —Intense golden spider with prominent disc. Good substance with strong stems. Excellent spider of lasting quality, responds to shade readily.	Oct. 28	3.75
Luyona —Large yellow spider mum. Good stems, with quality blooms.	Oct. 25	3.75
Smith's Superlative —Medium reflexed, branches freely and makes a wonderful pot plant during late summer and fall.	Oct. 25	4.00
Yel. Ambassador —Large incurved, light lemon yellow.	Oct. 25	3.50
Sunglow —Large incurved, good shipper, golden yellow.	Oct. 25	3.50
Good News —Golden yellow incurved with waxy petals. Response is sure at all time.	Nov. 1	2.75
Yel. Ivanhoe —Golden yellow. Good as disbud or China mums, responds uniformly.	Nov. 1	3.50
★ Yel. Lace —Sport of Queen's Lace, responds to same treatment, light lemon.	Nov. 1	3.25
★ Hooked Yel. Lace —Spider, light lemon yellow.	Nov. 1	3.75
★ Gold Lace —Spider, golden yellow.	Nov. 1	3.25
Yel. Albatross —Lemon yellow, sport of Albatross, good shipper, used along west coast.	Nov. 1	4.00
Golden Glory —Small incurved, good pot normal season, deep lemon.	Nov. 1	3.75

10-Week Varieties—Pinch July 28

Yel. Curly Spider —Spider, lemon yellow.	Nov. 5	4.00
Kauai —Lemon spider.	Nov. 5	4.00
Yel. Waikiki —Spider, lemon yellow.	Nov. 5	4.00
★ Dk. Ind. Yellow —Large incurved, deep lemon.	Nov. 5	3.00
★ Imp. Ind. Yellow —Large incurved, deep lemon.	Nov. 5	3.00
★ Ind. Yellow —Large incurved, bright lemon yellow, very versatile and used in all seasons, both in cut flower schedule and pot plant schedules.	Nov. 5	2.75
Sue Sally Jones —Spider, lemon yellow.	Nov. 5	3.25
Yel. Rayonnante —Large yellow spider straight tubular petals. Good shipper, responds to off season flowering Sept. on in cloth house.	Nov. 5	3.50
Yel. Monument —Large incurved, light lemon yellow.	Nov. 10	3.50
Yel. Queen —Light lemon yellow, sport of Orchid Queen.	Nov. 10	3.25
Yel. Pockett —Large exhibition, light lemon yellow.	Nov. 10	3.50
Jamboree —Intermediate incurved.	Nov. 10	3.75
Yellow Beauty —Small incurved.	Nov. 10	3.75
Honeydew —Medium large, honey colored yellow, good at its normal season.	Nov. 12	3.50

★Recommended for Pot Culture

Standards

YELLOW

11-Week Varieties—Pinch Aug. 1

	Normal Flowering Date	Price 50 Only
Lorraine —Spider, lemon yellow.	Nov. 15	\$3.75
Yel. Marketeer —Medium incurved, light lemon.	Nov. 18	3.50
Maj. Bonnaffon —Medium size incurved, an old-timer that ships well.	Nov. 20	3.75
Yel. Mefo —Large incurved yellow, responds to off season blooming.	Nov. 20	3.00
★ Bonn. Deluxe —Small incurved standard, the top variety in pot plants, habit of growth and response is superb. Temperature should be 65 or above during dark months to produce uniform bud set.	Nov. 20	2.75
Purdue —Intermediate incurved.	Nov. 20	3.75
Friendly Rival —Large incurved, responds well, good for local use, deep chrome.	Nov. 20	3.25
Harvester —Medium incurved, good substance, deep lemon.	Nov. 23	3.25
Marie DePetris —Medium incurved, stiff stem, good shipper, deep golden.	Nov. 23	3.25
Yel. Peter John —Medium lemon yellow, reflexed, good substance.	Nov. 23	3.75

12-Week Varieties—Pinch Aug. 5

Mrs. Calkins —Medium incurved, deep lemon yellow.	Nov. 25	3.75
Dk. Yel. Chattanooga —Large incurved, deep lemon yellow, sport of Chattanooga.	Nov. 25	3.50
★ Sungold —Large incurved, quilled at times, deep lemon yellow.	Nov. 25	3.75
Golden Pearson —Golden yellow incurved standard, used extensively for blooming at Thanksgiving.	Nov. 25	3.25
Yellow Chattanooga —Large incurved.	Nov. 25	3.50
Yellow Glory —Intermediate incurve. Lemon yellow. Color mutation from December Glory.	Dec. 1	3.75
Golden Mrs. Ross —Large incurved, very good for local use, light golden.	Dec. 3	3.25
Yel. Moeller —Medium incurved, lemon yellow.	Dec. 3	3.50

13-Week Varieties—Pinch Aug. 10

Chalice —Medium incurved, lemon yellow.	Dec. 5	3.75
Golden Mistletoe —Medium incurved, light golden.	Dec. 5	3.75
Tobin's Yellow —Light yellow semi-incurved. Best late standard flowering normally Dec. 15th, can be held for Christmas.	Dec. 13	3.25
Meteore —Medium incurved, deep lemon.	Dec. 13	3.50
Dauntless —Small incurved, lemon yellow.	Dec. 13	3.75

BRONZE AND RED

8-Week Varieties—Pinch July 20

Mayford's Triumph —Large orange reflex exceptional color, for garden and early under glass.	Oct. 15	3.75
Amber Bright —Large golden bronze incurved, beautiful in outside garden as cut flowers, should be grown 6 to 8 stems to the plant disbudded, amber bronze.	Oct. 15	3.75

9-Week Varieties—Pinch July 25

Hilda Bergen —Small incurved, dark bronze.	Oct. 25	3.50
Dalwin —Spider, light bronze.	Oct. 25	4.00
★ Red Glitters —Medium reflexed, dark reddish orange.	Oct. 28	3.75
★ Glitters —Medium reflexed, reddish orange.	Oct. 28	3.75
Detroit News —Large incurved, responds well. Top bronze for year around schedules.	Nov. 1	3.00
★ Royal Bronze —Large orange bronze, tall straight stems, good as disbud, responds off season.	Nov. 1	3.25
Apricot Queen —Medium incurved, orange bronze.	Nov. 1	3.75
Antique —Bronze spider mum for cut flower and pot plants use.	Nov. 1	4.00
Ivanhoe —Large disbud bronze, produced on good straight stems.	Nov. 1	3.50

10-Week Varieties—Pinch July 28

Mrs. Eisenhower —Large golden bronze spider. Quills slightly barbed, possesses great substance. Very vigorous and tall. Good foliage and stem.	Nov. 5	3.75
Nomago —Spider, bronze.	Nov. 5	3.75
★ Dk. Ind. Bronze —Large incurved, sport of Ind. Bronze, dark bronze.	Nov. 5	3.25
Waikiki —Spider, bronze.	Nov. 5	3.75
★ Ind. Bronze —Large incurved buff bronze. Good for Nov. thru March. Responds readily.	Nov. 5	3.00
Gena Harwood —Large bronze spider. Responds off season blooming, Sept. on in cloth house.	Nov. 5	3.75
Mamoru —Very artistic, spider, dark apricot.	Nov. 5	3.75
Ind. Golden Bronze —Quilled; semi-incurved.	Nov. 5	3.75
Indianapolis Apricot (Hillside) —Intermediate incurve. Warm apricot bronze.	Nov. 5	3.75
Anaconda —Large incurved, very good for local use, copper red.	Nov. 8	3.50
★ Delaware —Reddish bronze, free breaking pot plant variety, responds year around flowering.	Nov. 8	3.25

★Recommended for Pot Culture

Standards

BRONZE AND RED — 10-Week Varieties — Continued

	Normal Flowering Date	Price 50 Only
Oakdale—Medium incurved, copper bronze.	Nov. 10	\$4.00
Mrs. Stahelin—Medium incurved, copper bronze.	Nov. 10	3.75
Br. Orchid Queen—Large incurved, apricot buff.	Nov. 10	3.50
Mrs. Roy—Large incurved, reddish bronze, golden buff reverse, responds off season flowering.	Nov. 13	3.25
Garnet King—Medium reflexed, true velvety red. Excellent as cut normal season and for pot plant. .	Nov. 13	3.50

11-Week Varieties—Pinch Aug. 1

Stanley Naydo (New)—Large incurved, bronze sport of Armistice Day.	Nov. 20	4.00
Br. Frick—Medium incurved, light bronze.	Nov. 20	3.50
Calvert's Gold—Intermediate semi-incurve. Amber bronze.	Nov. 20	4.00
Br. Peter John—Med. reflexed rosewood bronze, used along West Coast as disbud or China mums. .	Nov. 23	3.75

12-Week Varieties—Pinch Aug. 5

Gladys Pearson—Large light buff bronze. Very much in demand for normal season blooming.	Nov. 25	3.50
Oak Leaf—Dark Bronze sport of Gladys Pearson, as is true with all the Pearsons, these are the Thanksgiving football mums, very easily grown sure fire mum.	Nov. 25	3.25
Muto's Crimson—Intermediate semi-incurve.	Dec. 1	3.50

13-Week Varieties—Pinch Aug. 10

Br. Mistletoe—Medium incurved, buff bronze.	Dec. 5	3.75
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PINK AND LAVENDER

8-Week Varieties—Pinch July 20

Pk. Chief—Medium size incurved pink. Good normal season and early garden disbuds.	Oct. 15	3.50
★Major Bowes—Deep lavender, good for normal season under glass and early outdoor cut flower. .	Oct. 15	3.75

9-Week Varieties—Pinch July 25

Sugar Plum—Medium incurved, deep lavender.	Nov. 1	3.75
Mary Garden—Large light lavender spider, good stem, responds well.	Nov. 1	3.50
Mrs. R. A. Walker—Spider, deep lavender pink.	Nov. 1	3.75
Bunbu—Spider, deep lavender pink.	Nov. 1	3.25

10-Week Varieties—Pinch July 28

Rayonnante—Large lavender spider with straight tubular petals, good shipper. Responds to off season flowering, Sept. on in cloth house.	Nov. 5	3.50
J. W. Prince—Medium incurved lavender, with good substance.	Nov. 5	3.50
★Ind. Pink—Large incurved standard, bright lavender. Like all Indianapolis varieties, responds to off season blooming and is very versatile making it the top selling pink standard.	Nov. 5	3.00
★Peggy Hoover—Spider, lavender pink.	Nov. 10	3.75
Orchid Queen—Large incurved, lavender.	Nov. 10	3.50
Dk. Orchid Queen—Dark sport of Orchid Queen, responds well for off season blooming.	Nov. 10	3.25
Phillip Kay—Large incurved lavender standard, very useful on the west coast.	Nov. 10	3.00
Pk. Fern Edwards—Large incurved lavender, a west coast variety, look promising under glass.	Nov. 10	3.00
Pk. Pockett—Large exhibition, lavender.	Nov. 10	3.50
Masumi Pink—Large incurved, deep pink.	Nov. 10	3.25
Lavender Queen—Lavender sport of Orchid Queen. Flower more compact and color more intense than Dark Orchid Queen.	Nov. 10	3.25
Queen of Pinks—Small incurved.	Nov. 10	3.00

11-Week Varieties—Pinch Aug. 1

Calvert's Pink—Intermediate incurve. Orchid pink suffused with salmon.	Nov. 17	4.00
Aristocrat—Large incurved, deep lavender.	Nov. 20	3.25
★Helen Frick—Medium incurved, rose pink.	Nov. 20	3.50
Rose Delight—Medium incurved, deep rose.	Nov. 20	3.25
★Thanks. Pink—Medium reflexed, dark amaranth.	Nov. 23	3.50
Dk. Peter John—Medium reflexed amaranth, used as disbud or China mum along west coast.	Nov. 23	3.75
Ed. Seidewitz—Large incurved, good normal bloomer, lavender pink.	Nov. 23	3.50
Lt. Peter John—Lavender, reflexed, used as disbud or China mum along west coast.	Nov. 23	3.00
Dk. Pink Peter John—Large decorative. Color intensification of Pink Peter John.	Nov. 25	3.75

13-Week Varieties—Pinch Aug. 10

Pk. Mistletoe—Medium incurved, lavender.	Dec. 5	3.75
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★Recommended for Pot Culture

Garden Mums

WHITE

	Matures	Price 50 Only
Osage (S)—Cushion, decorative, border, white.....	Sept. 5	\$5.00
Candlelight (M)—Decorative, secondary border, ivory white.....	Sept. 5	3.00
D. D. Ahrens (T)—Decorative, background, white.....	Sept. 10	3.00
Paper White (M)—Decorative, secondary border, white.....	Sept. 10	3.50
★Crystal Maid (S)—Cream decorative pompon produced on low growing plant that is well suited for borders. GOOD FOR 3" POT.....	Sept. 12	6.25
★Chris. Columbus (T)—Large decorative pompon, cream white. Responds to off-season blooming. Best white for Spring Pots and 3" pot blooming.....	Sept. 15	3.25
White Cushion (S)—Cushion, border, white showing traces of pink in buds. Blooms later the first year.	Sept. 15	3.00
Gloria (New) (M)—Free flowering medium sized decorative pompon. Flowers larger and more double than Chris Columbus. Good growth habits and foliage.....	Sept. 15	7.50
★Calcite (M)—Cream white decorative responds to off-season blooming. Good pot plant.....	Sept. 15	3.00
★Martens White (M)—Large decorative, secondary border, white.....	Sept. 15	3.75
Powderpuff (S) (Cushion)—Border, white.....	Sept. 15	3.50
Polar Ice (M)—Decorative and secondary border, white.....	Sept. 15	3.50
★White Bounty (T)—Cream white button pompon. Responds to off-season blooming. Good Spring garden pot plant.....	Sept. 15	3.25
(D) Wh. Tower (T)—Large pompon, secondary border and cut, cream white.....	Sept. 15	3.25
★Snowspoon (M)—Large white Shasta daisy like flowers with long tubular petals.....	Sept. 18	6.25
Benora (New) (S)—Dwarf cushion type growth; excellent stems and foliage. Large 3" white flowers on well shaped plants. Blooms Sept. 20.....	Sept. 20	7.50
White Wonder (M)—Large pompon, secondary border and cut. Ivory white.....	Sept. 25	3.75
★Shalimar (H) (M)—Large white decorative flowers produced on medium height growth. Good Mother's Day and later pot. Better when disbudded.....	Sept. 25	3.50
White Rice (S)—Large pompon, border and pots, white.....	Sept. 25	3.50
★Ostosa (S)—Large white low growing. Responds to off-season blooming. A good addition to the Spring Garden pots.....	Sept. 25	3.75
White Cloud (T)—Decorative, secondary border, white.....	Sept. 25	3.75
North Star (M)—Single, background and cut flower, white.....	Sept. 28	3.50
★Pepita (M)—Small button pompon. Good Spring Pot plant variety.....	Sept. 28	3.75
Spindrift (M)—Decorative, secondary border, white.....	Oct. 1	4.00
Gardenia (M)—Large white decorative, very double, profuse bloomer, with excellent foliage on semi-dwarf plant. An outstanding variety.....	Oct. 1	4.00
Snow Fall (M)—Decorative, secondary border, white.....	Oct. 1	3.50
Ermine (M)—Decorative, secondary border, ivory white.....	Oct. 1	3.50
★Marshmallow (M)—Medium single with waxy petals. Low growing, excellent for pots.....	Oct. 5	3.75
Limelight (M)—Decorative, background and cut, white.....	Oct. 5	3.75
★Lyric (S)—Small single, good substance petals. Attractive as Spring pot plant.....	Oct. 5	3.75
Avalanche (T)—Large decorative, secondary border, cream white.....	Oct. 5	3.75
★Horizon (M)—Medium decorative pompons. Good as early cut flower under glass. Responds off-season flowering in Spring, cut or pot.....	Oct. 5	3.50
Youdath's White (M)—Large decorative, secondary border, white.....	Oct. 5	3.00
Ivory Glow (M)—Large disbud, ivory.....	Oct. 5	3.00
★Classic (T)—Pure white pompon used as cut flower under glass or in the garden.....	Oct. 10	3.75
★Maestro (S)—Medium cream pompon, produced on low growing plants. Responds to off-season blooming. Recommended as Spring Garden pots.....	Oct. 10	3.75
White Spoon (M)—Spoon, secondary border, white.....	Oct. 10	3.50
★Silverplate (M)—Medium decorative, pure white, responds well for Spring pot sales.....	Oct. 12	3.50
Silver Ball (T)—Large pompon, background or cut, white.....	Oct. 15	3.00
Irene (M)—Small secondary border, or cut, white.....	Oct. 15	4.00
Norona (M)—Small pompon, background or cut, white.....	Oct. 15	3.25

YELLOW

Pathfinder (M)—Decorative, serrated petals, secondary border, deep lemon.....	Aug. 28	5.00
Reverence (S)—Large decorative border, chamois yellow.....	Sept. 1	6.25
★Early Gold (S)—Medium pompon, low growing, responds to off-season blooming.....	Sept. 5	3.75
Golden Hours (M)—Pompons, secondary border, chrome yellow.....	Sept. 8	3.25

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

YELLOW

	Matures	Price 50 Only
Delight (H) (M)—Medium pompon, secondary border, golden.....	Sept. 12	\$3.75
Genista (M)—Decorative, secondary border, canary yellow.....	Sept. 12	4.00
Yel. Supreme (H) (S)—Cushion, border, bright lemon.....	Sept. 15	3.00
Sunapee (T)—Pompon, secondary border, deep lemon.....	Sept. 15	3.50
★Pomponette (S)—Orange pompon of medium size, low growing. Responds to off-season blooming. Good pot plant.	Sept. 15	3.25
Yel. Cushion (S)—Cushion, decorative, border light yellow.....	Sept. 15	3.00
Golden Cushion (S)—Cushion, border, golden yellow.....	Sept. 15	3.00
Defiance (H) (T)—Decorative, secondary border, golden yellow.....	Sept. 15	3.50
★Yel. Chris Columbus (M)—Medium large decorative bright lemon. Responds to off-season blooming. Best of all the yellows for Spring Garden pots.....	Sept. 15	3.25
Muriel Rice (M)—Large decorative, secondary border, light lemon.....	Sept. 15	7.50
★Early Yellow (S)—Small button, secondary border, deep lemon.....	Sept. 15	3.00
Golden Carpet (S)—Cushion, border, golden.....	Sept. 15	3.50
★(D) Ming (M)—Medium pompon, golden orange yellow; good for Spring pot plants.....	Sept. 18	4.00
Golden Gopher (M)—Decorative and secondary border, orange yellow.....	Sept. 20	3.50
★Sept. Sunshine (M)—Medium single, very prolific. Responds well for Spring pot plants. Very showy, bright lemon.	Sept. 20	3.25
★Aglow (M)—Orange yellow pompon. Responds well as Spring Garden pot plant.....	Sept. 20	5.00
Real Gold (M)—Large decorative, secondary border, deep golden.....	Sept. 20	7.50
Wychwood (M)—Large pompon, secondary border, canary.....	Sept. 20	3.25
Canary Wonder (M)—Large pompon, secondary border and cut, canary yellow.....	Sept. 25	3.25
Golden Wonder (M)—Large pompon, secondary border, and cut, golden.....	Sept. 25	4.00
Charles Nye (T)—Large pompon, secondary border, deep lemon.....	Sept. 25	3.75
Sept. Gold (S)—Cushion, border, lemon.	Sept. 25	3.50
Golden Sunset (M)—Large decorative, background copper gold.....	Sept. 25	3.50
Spellbinder (M)—Large decorative, secondary border and cut, bright yellow.....	Sept. 25	7.50
★Honeycomb (M)—Honey yellow pompon, good form. Responds well for Spring Garden Pot plant. .	Sept. 25	3.75
★Moonlight (DePetris) (M)—Large decorative, bright yellow pompons. Good for Spring pots.	Sept. 25	3.75
Lee Powell (T)—Large decorative, background and cut, Chinese yellow.....	Sept. 25	3.75
Sulphur Spoon (M)—Spoon, secondary border, light yellow.....	Sept. 25	4.00
Tangerine (M)—Large decorative, secondary border, deep orange.....	Sept. 25	3.25
Astoria (New) (M)—Produces numerous sprays of deep lemon pompons on stiff stems.....	Sept. 28	7.50
Flaxen Beauty (M)—Large decorative, background and cut, pale lemon yellow.....	Oct. 1	3.75
Freya (New) (M)—Large deep golden yellow 4" blooms, produced on medium upright growth; ex- cellent stems and foliage. Good flower placement.....	Oct. 1	7.50
Tranquility (M)—Decorative, secondary border, light lemon yellow.....	Oct. 1	6.25
★Chiquita (M)—Small button, deep lemon, responds well for Spring Garden pot plants.....	Oct. 1	3.25
Moonbeams (M)—Pompon, secondary border and cut, pale lemon.....	Oct. 1	3.75
Ethel Waters (M)—Large incurved, disbud, light lemon, sport of Ivory Glow.....	Oct. 5	4.00
James Eadie (M)—Large pompon, secondary border, deep chrome.....	Oct. 5	3.25
Yel. Avalanche (T)—Large decorative, background, light lemon.....	Oct. 5	3.25
★Garland (S)—Small lemon yellow single, responds well for Spring Garden pot plants.....	Oct. 5	3.50
Polaris (M)—Single, secondary border, golden buff.....	Oct. 5	4.00
★(D) Mrs. Rotan (M)—Large decorative, secondary border and pot, deep chrome.....	Oct. 5	3.25
Sunstone (T)—Spoon, novelty, background or cascade, light yellow.....	Oct. 8	3.75
★Spode (S)—Large incurved, short growing bright lemon, suitable as disbud. Responds well for Spring Pot plants.	Oct. 8	6.25
★Yel. Spoon (M)—Very artistic spoon type. Responds well at Mother's Day and as Spring pot plant. Light yellow in color.....	Oct. 10	3.75
Treasure (T)—Golden yellow pompons produced on good stems and sprays for cut. Excellent for normal blooming under glass or outside blooming throughout the South.....	Oct. 10	3.75
Golden Spoon (M)—Spoon, secondary border, golden yellow.....	Oct. 10	3.50
★Yel. Blanket (M)—Small yellow button, responds for Spring garden pot plants.....	Oct. 10	3.25
Bright Forecast (T)—Pompon, background and cut flower, bright lemon.....	Oct. 10	3.50
★Goldrush (M)—Medium single, lemon yellow, responds to off-season blooming. Excellent cut flower under glass or in the garden. Responds well as Spring Garden pot plant.....	Oct. 10	3.75
Arlora (M)—Beautiful large perfect shaped blooms. Rigid stems, with bright green foliage. Bright lemon, fully double; excellent specimen plant.....	Oct. 10	3.75

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

YELLOW

	Matures	Price 50 Only
Sweepstake (M) —Pompon, secondary border, buff lemon.....	Oct. 12	\$3.75
Michigan (New) (M) —Large clear yellow 4" blooms on vigorous plants with rigid stems. Should be disbudded and supported. Good outside cut flower.....	Oct. 12	7.50
★ Lemonade (M) —Pale ivory yellow. Responds well as Spring pot plant.....	Oct. 12	3.75
Sunburst (New) (M) —Large cactus type 4" and larger when disbudded. Beautiful golden yellow blooms. Vigorous plants, excellent foliage and stems. Should be supported.....	Oct. 12	7.50
Carioca (New) (M) —Should be disbudded. Large 4" decorative type. Flowers golden yellow produced on good stems and foliage.....	Oct. 12	7.50
★ Gold Lode (M) —Medium reflexed, bright yellow, early enough for gardens around Toledo and farther South. Responds for Pot plants. Disbud or spray.....	Oct. 15	3.50
Judith Anderson (M) —Button, border, bright lemon.....	Oct. 15	3.25
Rodell Improved (M) —Button, background plantings and cut flowers, light lemon.....	Oct. 15	3.00
Yel. Irene (M) —Small button, background plantings and cut flowers, light lemon.....	Oct. 15	3.25
Buttercup (H) (S) —Large incurved, background and cut, golden.....	Oct. 15	5.00
Sundew (M) —Large incurved, disbud, background and cut, golden.....	Oct. 15	4.00
★ Valiant (M) —Large incurved, light golden. Responds for pot plants. Disbud.....	Oct. 15	6.25
★ Honeysweet (M) —Large incurved, golden yellow, responds well for pot plants. Disbud.....	Oct. 15	6.25
Sarasota (M) —Medium pompon, bright lemon, excellent cut flower variety for under glass or the early cloth house.	Oct. 15	5.00
Golden Cheer (T) —Pompon, background, bright lemon.....	Oct. 15	3.75

BRONZE AND RED

Harvest Bronze (S) —Decorative, border, apricot bronze.....	Aug. 20	4.00
Glow Worm (S) —Semi-double cushion, border, orange scarlet.....	Sept. 8	3.75
Early Harvest (S) —Cushion, border, mahogany orange.....	Sept. 8	3.75
Harbinger (S) —Large decorative, border, golden bronze.....	Sept. 8	3.75
★ W. P. Snyder (M) —Medium pompon, apricot orange, responds well for pots. Must have full 60 degree temperatures if bloomed before Mother's Day.....	Sept. 10	3.75
Autumn Song (M) —Decorative, secondary border, wine rose.....	Sept. 10	3.25
Geo. Luxton (M) —Large decorative, secondary border, light bronze.....	Sept. 12	6.25
Autumn Tide (M) —Decorative, secondary border plantings, coral salmon.....	Sept. 15	3.25
Br. Pomponette (S) —Pompon, border, golden bronze.....	Sept. 15	5.00
Early Crimson (M) —Decorative, secondary border, bright crimson.....	Sept. 15	4.00
Apache (M) —Large decorative, secondary border, red and gold.....	Sept. 15	5.00
Early Bronze (S) —Button, border, orange bronze.....	Sept. 15	3.00
Red Gold (M) —Button, border, red and gold.....	Sept. 15	3.50
New Marj. Mills (S) —Large pompon, border, ruby red.....	Sept. 15	7.50
Orloma (M) —Decorative, cushion border, apricot bronze.....	Sept. 15	4.00
Chippa Red (M) —Large decorative, secondary border and cut, maroon red.....	Sept. 15	7.50
Flamboyant (M) —Decorative and secondary border and cut, flaming orange bronze.....	Sept. 15	6.25
Early Kathleen (M) —Decorative, secondary border, coppery bronze.....	Sept. 15	5.00
Autumn Beauty (M) —Decorative, secondary border, chestnut red.....	Sept. 15	4.00
Sept. Bronze (M) —Button, secondary border, golden bronze.....	Sept. 20	3.00
Toronto (New) (S) —Cushion border, bronze.....	Sept. 20	7.50
Goblin (T) —Small pompon, secondary border, golden bronze.....	Sept. 20	3.50
Red Glow (M) —Small pompon, secondary border, dark red.....	Sept. 20	3.75
★ Orsona (M) —Reddish bronze pompon, responds well for Spring pots.....	Sept. 20	4.00
Scarlet Crimson (M) —Decorative, secondary border, bright red.....	Sept. 20	3.25
Mme. Cadillac (S) —Large pompon, border, raspberry wine.....	Sept. 20	4.00
Rouge Cushion (S) —Cushion, border, bright red.....	Sept. 25	3.75
Br. Wonder (M) —Pompon, secondary border and cut, rosewood bronze.....	Sept. 25	3.50
Plainsman (M) —Decorative, secondary border, orange bronze.....	Sept. 25	5.00
Crown Jewell (S) —Decorative, secondary border, bright red.....	Sept. 25	3.50
Champ. Cushion (S) —Cushion, border, deep bronze.....	Sept. 25	3.00
Comd. Cushion (S) —Cushion, border, red.....	Sept. 25	3.00
Alpena (M) —Decorative, secondary border, dark red.....	Sept. 25	6.25
Mahogany Cushion (S) —Cushion, border, jasper red.....	Sept. 25	3.00

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

BRONZE AND RED

	Matures	Price 50 Only
Elite Cushion (S)—Cushion, border, salmon bronze.....	Sept. 25	\$3.50
Marionette (M)—Pompon, secondary border, rust red.....	Sept. 25	3.75
Holiday (H) (M)—Large decorative, secondary border and cut, golden bronze.....	Sept. 25	3.50
★Remembrance (M)—Decorative dark carmine red holds color well. Responds for Spring pots, when temperature is held at full 60 degrees during bud set. Better to use for Mother's Day or later....	Sept. 28	3.50
Lipstick (S)—Cushion, border, ruby orange.....	Sept. 28	4.00
Kathleen Lehman (M)—Large decorative, secondary border, orange bronze.....	Sept. 28	3.50
Morocco (New) (S)—Dwarf cushion type producing 3½" blooms in large quantities on well shaped plants. A reddish bronze border plant.....	Oct. 1	7.50
Caprice (New) (M)—Large 4" decorative apricot bronze. Strong, bushy, semi-dwarf; excellent foliage.	Oct. 1	7.50
Admiration (M)—Decorative, secondary border, salmon fawn.....	Sept. 28	3.25
★Iron Mountain (M)—Deep red pompon changing to rust. Well suited for pots and responds for Valentine's Day.	Oct. 1	6.25
Jubilee (H) (M)—Pompon, secondary border, crimson red.....	Oct. 1	4.00
Royal Ruby (M)—Pompon, secondary border, dark crimson.....	Oct. 1	4.00
Mogul (M)—Pompon, secondary border, orange rust.....	Oct. 1	4.00
Reverie (M)—Decorative, secondary border, buff bronze.....	Oct. 1	5.00
Fiesta (T)—Pompon, secondary border, orange rust, good for cut.....	Oct. 1	3.50
Magnificent (T)—Decorative, secondary border, plum red.....	Oct. 1	3.50
Red Cloud (Cushion) (M)—Border, scarlet red.....	Oct. 1	3.50
Red Riding Hood (M)—Decorative, secondary border, bright red.....	Oct. 1	3.25
Sam Williston (Cushion) (S)—Border, deep red.	Oct. 1	3.25
Gondolier (M)—Decorative, secondary border, crimson red.....	Oct. 1	5.00
Leshara (M)—Decorative, novelty, secondary border, mulberry red.....	Oct. 1	3.75
Bonfire (M)—Decorative, secondary border, bright red.....	Oct. 1	3.75
Regina (M)—Large decorative, secondary border, apricot bronze.....	Oct. 1	4.00
Fire Engine (M)—Single secondary border, flaming red, good as Spring pot.....	Oct. 1	3.75
Card. Spoon (M)—Spoon type, secondary border, red bronze.....	Oct. 1	3.50
Firecracker (T)—Decorative, background and cut, mahogany bronze.....	Oct. 5	4.00
Cydonia (T)—Decorative, background and cut, mahogany bronze.....	Oct. 5	3.00
★Sept. Cheer (M)—Cherry red single, low growing, responds well for Spring pot plants.....	Oct. 5	3.00
Burgundy (T)—Large pompon, background and cut, wine red.....	Oct. 5	3.00
Ruby Pompon (M)—Pompon, secondary border, ruby crimson.....	Oct. 5	3.00
Red Torch (M)—Single secondary border, bright red.....	Oct. 5	3.00
★Red Velvet (M)—Large decorative dark crimson, responds readily for Spring pots.....	Oct. 5	3.50
★Mona (M)—Rust bronze formal pompon, responds for Spring garden pots.....	Oct. 5	3.50
Avalon (T)—Pompon, background and cut, orange bronze.....	Oct. 5	3.75
Courageous (M)—Decorative, secondary border, dark ruby red.....	Oct. 5	3.25
★Mrs. Du Pont (T)—Coral buff, large decorative pompon, responds to off-season blooming and pots.	Oct. 5	3.75
Granada (New) (T)—Deep coppery bronze, decorative, intermediate size. Excellent stems and foliage. Medium height, good secondary border plant.....	Oct. 8	7.50
Buckeye (M)—Pompon, secondary border, salmon bronze.....	Oct. 8	4.00
Beacon (T)—Large decorative, background and cut, coral apricot.....	Oct. 8	3.25
Aviator (M)—Pompon, secondary border, copper bronze.....	Oct. 8	3.25
Success (M)—Large pompon, disbud, secondary border, deep crimson red.....	Oct. 8	4.00
Miguel (T)—Pompon, secondary border or cut, raspberry red.....	Oct. 8	4.00
Gladiator (New) (T)—Large 4" decorative orange red, produced on plants of medium height with upright stems and good foliage. Very free flowering considering size of blooms. Try disbudding this one.	Oct. 10	7.50
★(D) Calumet (H) (M)—Brilliant apricot large decorative pompons on excellent sprays; good stems and foliage. Good for Spring pots. Responds well in early cloth house and in greenhouse as cut flowers. Where weather permits, is wonderful cut flower garden variety.....	Oct. 10	3.75
Huntsman (T)—Large decorative background or cut, scarlet orange.....	Oct. 10	3.75
Carnival (M)—Pompon, background or cut, burnt orange.....	Oct. 10	3.75
★Caravan (M)—Large decorative, secondary border, salmon bronze.....	Oct. 10	4.00
Blueblood (T)—Decorative, background or cut amaranth red.....	Oct. 10	3.50
Carmine Queen (T)—Deep carmine red formal pompons, on excellent sprays. Good early red cut flower under glass or in the garden.....	Oct. 10	3.75
Bamboo (T)—Single prolific bloomer, background or cut, buff orange.....	Oct. 10	3.75

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

BRONZE AND RED

	Matures	Price 50 Only
Fireside (T) —Decorative pompons, background and cut, burnt orange.....	Oct. 10	\$3.50
Admiral (M) —Pompon, background and cut, dark red.....	Oct. 12	4.00
Fashion (M) —Decorative, secondary border, rose wood with dark center.....	Oct. 12	3.50
Witchery (M) —Petal decorative, secondary border, golden bronze quilled.....	Oct. 12	3.50
Crusader (New) (M) —Large double crimson red 4" blooms, strong robust stems. Outstanding specimen variety when disbudded for late garden or as China Mums.....	Oct. 12	7.50
★ James Stewart (T) —Small pompon, apricot gold; excellent sprays and good stems. Good for early cloth house cut and normal blooming under glass.....	Oct. 15	3.75
Robinhue (T) —Decorative pompon for background and cut, dark red.....	Oct. 15	3.75
Bokhara (M) —Decorative, secondary border, brilliant red.....	Oct. 15	3.75
Rajah (T) —Large scarlet red daisy; good sprays and stems. Excellent as cut flower or under glass normal.....	Oct. 15	3.75
Chopin (M) —Large incurved disbud, background, light bronze.....	Oct. 15	5.00
Moonmaid (M) —Pompon, background and cut, salmon bronze.....	Oct. 15	4.00

PINK AND LAVENDER

Gladness (S) —Decorative pompon, border, China rose.....	Aug. 28	3.75
Cecil Beed (M) —Decorative, secondary border, deep lavender.....	Sept. 1	3.75
Dr. Longley (M) —Decorative, border, rose pink.....	Sept. 1	4.00
Salmon Precose (S) —Large decorative border, salmon pink.....	Sept. 1	3.50
Amelia (S) —Cushion, border, lavender pink.....	Sept. 5	3.25
Rosa (M) —Cushion, border, rose pink.....	Sept. 5	5.00
Dean Kay (S) —Cushion, border, shell pink.....	Sept. 5	3.25
Purple Star (M) —Decorative pompon, secondary border, brilliant purple.....	Sept. 5	3.25
★ Joan Helen (M) —Dark purple shading to crimson, responds for pot plants.....	Sept. 10	3.25
★ (D) Nye's Favorite (M) —Large shaggy decorative, lavender, responds for Spring pot plants.....	Sept. 10	3.50
Barbara Small (T) —Pompon, secondary border and cut, lavender.....	Sept. 10	3.25
★ Orchid Helen (M) —Medium decorative, orchid lavender, responds for Spring Garden pot plants.....	Sept. 10	4.00
Successor (M) —Decorative, secondary border, silver lavender.....	Sept. 10	3.75
Lorenzo (M) —Quilled, secondary border, dark purple.....	Sept. 15	3.50
Royal Robe (M) —Decorative, secondary border, dark purple.....	Sept. 15	4.00
Chippewa (M) —Decorative, secondary border, and cut, bright purple.....	Sept. 15	3.25
Violet (M) —Decorative, bright purple.....	Sept. 15	3.50
Fairbow (M) —Pompon, secondary border, lavender pink.....	Sept. 20	3.50
Tapestry (M) —Decorative, secondary border, salmon pink.....	Sept. 20	3.50
Heather Bloom (M) —Decorative, secondary border, heather pink.....	Sept. 20	3.25
★ Alert (M) —Large decorative, dark purple pom. Responds excellently for Mother's Day and later blooming as pot plants.....	Sept. 20	3.00
Olive Longland (M) —Decorative, secondary border, apricot salmon pink.....	Sept. 25	3.00
Evangeline (M) —Large decorative, secondary border, flesh pink.....	Sept. 25	4.00
Jeweltone (S) —Pompon, secondary border or pots, rose pink.....	Sept. 25	7.50
Lady's Choice (M) —Large decorative, secondary border or pots, ivory pink.....	Sept. 25	7.50
Reflection (M) —Decorative, secondary border, rosy lavender.....	Sept. 25	7.50
★ Petrisian Rose (M) —Medium pompon, lavender rose. Ideal Garden cut flower. Good under glass and responds as Spring pot plant.....	Sept. 25	4.00
★ Cecelia (S) —Medium decorative purple. Responds well as a Spring pot plant.....	Sept. 25	3.50
Imp. E. Wonder (M) —Pompon, secondary border and cut, lavender pink.....	Sept. 25	3.50
★ Spellbound (M) —Medium decorative, brilliant lavender pompon. Responds beautifully as pot plants.....	Sept. 25	3.25
Capt. J. Smith (S) —Cushion, border plant, lavender pink.....	Sept. 25	3.00
★ Major Cushion (S) —Small decorative lavender pompons on well rounded plant. Responds for Spring pot plant. Temperature should be 60 degrees or better.....	Sept. 25	3.25
Coquette (S) —Cushion, border, rosy pink.....	Sept. 25	6.25
Rosita (M) —Button, secondary border, light lavender rose.....	Sept. 28	3.25
Joyous (S) —Cushion, decorative, border, lavender, rosy pink.....	Sept. 28	7.50
Malinda Brown (M) —Pompon, secondary border and cut, lavender rose.....	Sept. 28	3.75
Betty (T) —Decorative, background and cut, pink rose center.....	Sept. 28	3.75

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

PINK AND LAVENDER

	Matures	Price 50 Only
Twinkle (M)—Cushion, border, deep rose purple.....	Sept. 28	\$4.00
Misty Maid (M)—Decorative, secondary border, light pink.....	Sept. 28	3.50
Pat. Lehman (T)—Decorative, background and secondary border, peach pink.....	Sept. 28	3.50
Aristocrat (H) (M)—Large decorative, secondary border, deep wine.....	Sept. 28	6.25
Fascination (M)—Large decorative, secondary border, lavender pink.....	Oct. 1	4.00
★(D) Myrtle Walgreen (M)—Large pompon, amaranth purple, responds for Spring pot plant.....	Oct. 1	3.50
Troubadour (M)—Bright rosy crimson large blooms 3" across.....	Oct. 1	3.50
Tiffany Rose (M)—Medium large deep rose single. Responds well for pot plants.....	Oct. 1	3.25
Old Lavender (M)—Large decorative, background, bright lavender.....	Oct. 1	6.25
Sonny (M)—Small salmon pink pompon, excellent cut flower under glass or in garden. Responds well in early cloth house shadings.....	Oct. 1	4.00
Mayflower (New) (M)—Very hard solid pompons, soft luminous pink borne atop perfect sprays and rigid stems. Excellent early cut flower.....	Oct. 1	7.50
★Mischief (S)—Small purple daisies with prominent yellow centers. Responds to off-season blooming. Also good pot plant for Spring blooming.....	Oct. 1	5.00
Charm Spoon (M)—Spoon, secondary border, rhodonite rose.....	Oct. 1	3.75
Alex Cummings (T)—Decorative, disbud and background, deep rose pink.....	Oct. 3	4.00
Northern Queen (M)—Large decorative, good cut under glass or in the garden, rose pink, dark center.....	Oct. 5	4.00
★Petrisian Mauve (M)—Decorative, background, raspberry mauve.....	Oct. 5	4.00
★Petrisian Pink (M)—Decorative, background and cut, light pink.....	Oct. 5	4.00
★Lavender Lady (T)—Lavender decorative pompons produced on a rather tall spreading growth. Responds well for Spring pots.....	Oct. 5	4.00
Corona (H) (T)—Single background and cut, deep lavender.....	Oct. 10	4.00
Ponca (S)—Small decorative, border and background, dark lavender.....	Oct. 10	3.50
Dream Girl (M)—Pompon, background and cut, light lavender.....	Oct. 10	4.00
★Courtier (M)—Medium decorative, lavender pink pompons, good as garden cut flowers and respond well for Spring pots.....	Oct. 10	4.00
★Time (M)—Large deep lavender rose pompons. Good specimen plant when disbudded.....	Oct. 10	3.50
★Orchid Spoon (M)—Orchid lavender spoon, responds for Mother's Day and pot plant.....	Oct. 10	3.75
Rose Spoon (M)—Spoon, secondary border, lavender rose pink.....	Oct. 10	3.50
Lassie (M)—Large decorative, background and cut, deep pink.....	Oct. 10	3.75
★Masquerade (M)—Lavender pink button pompons; dark rose center. Good pot plant.....	Oct. 10	3.75
★Joybringer (S)—Decorative pompon, lavender rose overlaid with salmon. Suited for Spring pot plants. Responds well.....	Oct. 10	3.50
Ronnie (M)—Button, background and cut, dark lavender.....	Oct. 12	4.00
Allegro (M)—Cushion type, secondary border and background, shrimp pink.....	Oct. 12	4.00
Adagio (T)—Pompon, background, raspberry rose.....	Oct. 12	3.50
★Jewell (M)—Lavender pink button pompons. Versatile for cut flowers under glass, garden, and early cloth house. Responds as Spring pot.....	Oct. 15	3.50
Sonnet (M)—Decorative pompon, background and cut, salmon pink.....	Oct. 15	4.00
Enterprise (T)—Medium pompon, amaranth rose; good stems. Exceptionally good as early Fall cut flowers under glass, or garden when weather permits. Responds well in early cloth house.....	Oct. 15	3.75
Elizabeth Hood (M)—Large decorative, light lav. rose on good stems and sprays. Good cut flower under glass.....	Oct. 15	3.75
Citation (M)—Large pompon, deep lavender pink, responds well as Spring pot plant.....	Oct. 15	3.75

Large Flowering Mums

These are normally grown in the greenhouse, but also are good outside
should be disbudded to one bloom per stem.

WHITE

Silver Sheen (T)—Medium incurved Mum white.....	Oct. 20	\$3.25
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YELLOW

Harvest Golden (T)—Medium incurved, deep golden.....	Oct. 10	3.50
★(D) Gold Lode (T)—Reflexed golden yellow flower, very good Spring pot, also good large garden disbud and early Fall under glass.....	Oct. 15	3.50

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.

(D) Varieties Recommended as Better When Disbudded.

Garden Mums

Large Flowering (continued)

YELLOW

	Matures	Price 50 Only
Celestra (T) —Small incurved very solid mum, bright lemon.....	Oct. 15	\$3.75
Mrs. Kidder (T) —Medium incurved, responds well. Good for local use; deep lemon.....	Oct. 15	3.50
Buttercup (H) (S) —Large incurved, background and cut, golden.....	Oct. 15	5.00
Valiant (M) —Large incurved, light golden for garden or Spring pot. Disbud.....	Oct. 15	6.25
Honeysweet (M) —Large lemon yellow for garden or Spring pot. Disbud.....	Oct. 15	6.25
Michigan (New) (M) —Large clear yellow 4" blooms. Vigorous plants with rigid stems. Should be disbudded and supported. Good outside cut flower.....	Oct. 12	7.50
Sunburst (New) (M) —Large 4" cactus type. Beautiful golden yellow blooms on vigorous plants; excellent foliage and stems. Should be disbudded and supported.....	Oct. 12	7.50

BRONZE AND RED

Amber Bright (M) —Large golden bronze incurved. Beautiful in outside garden as cut flower. Should be grown 6 to 8 stems to the plant disbudded.....	Oct. 15	3.75
Chopin (M) —Large incurved disbud, background, light bronze.....	Oct. 15	5.00

PINK AND LAVENDER

Pink Chief (T) —Medium size incurved pink Standard, good normal season and early garden disbuds where weather permits.	Oct. 15	3.50
Major Bowes (T) —Deep lavender standard, good for normal season under glass and as early outdoor cut flower where weather permits.....	Oct. 15	3.75

★Recommended for Spring Pot Plants Pinched and Short Day Treatment Same Day.
(D) Varieties Recommended as Better When Disbudded.

1956

JANUARY							MAY							SEPTEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	2	3	4	5	6	7			1	2	3	4	5							1	
8	9	10	11	12	13	14	6	7	8	9	10	11	12	2	3	4	5	6	7	8	
15	16	17	18	19	20	21	13	14	15	16	17	18	19	9	10	11	12	13	14	15	
22	23	24	25	26	27	28	20	21	22	23	24	25	26	16	17	18	19	20	21	22	
29	30	31					27	28	29	30	31			23	24	25	26	27	28	29	
														30							
FEBRUARY							JUNE							OCTOBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3	4						1	2			1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
26	27	28	29				24	25	26	27	28	29	30	28	29	30	31				
MARCH							JULY							NOVEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
				1	2	3							1					1	2	3	
4	5	6	7	8	9	10	8	9	10	11	12	13	14	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	18	19	20	21	22	23	24	
25	26	27	28	29	30	31	29	30	31					25	26	27	28	29	30		
APRIL							AUGUST							DECEMBER							
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22	
29	30						26	27	28	29	30	31		23	24	25	26	27	28	29	
														30	31						

Index

Variety	Page	Variety	Page	Variety	Page	Variety	Page	Variety	Page
A		C		D		G		I	
Acclaim	22	Buccaneer	27	Crystal Maid	37	Gaiety	26	Illini Honey	27
Adagio	42	Buckeye	40	Crystal Queen	33	Galaxy	28	Illini Igloo	21
Adelaide	26	Buckskin	26	(Imp. Jean Eliz.)		Gardenia	3, 20, 37	Illini Peace	21
Admiral	26, 41	Bunbu	36	Cupid	4, 29	Garland	38	Illini Petite	3, 24
Admiration	40	Burgundy	40	Cydonia	40	Garnet King	36	Illini Redhead	27
Aglow	38	Burgundy Kramer	31			Garza	22	Illini Redwood	28
Alaska	3, 20	Butterball (Ghse)	34	D		Gena Harwood	35	Illini Regal	30
Albatross	33	Buttercup (H)	39, 43	D. D. Ahrens	37	(Br. Rayonnante)		Illini Roseglow	5, 31
Alert	41	Butterscotch	27	Dalwin	35	Genista	38	Illini Snowbound	22
Alex Cummings	29, 42			Dark Bronze Masterpiece	27	George Luxton	39	Illini Snowdrift	21
Allegro	29, 42	C		Dark Bronze Minuet	28	Georgia	5, 34	Illini Springtime	30
Almega	31	Cadet	27	Dark Bronze Minuet	28	Giant Batsy Ross	33	Illini Starflower	21
Alpena	39	Cal. f. Wh. Daisy	20	Dark Bulkeley	30	Gladiator	6, 40	Illini Starlet	22
Alvoda	5, 32	(Kimoto's Wh.)		Dark Enchantress	31	Gladness	41	Illini Sunspot	24
Ambassador	33	Calif. Wh. Mensa	21	Dark Ind. Bronze	35	Gladys Pearson	36	Illini Tangier	27
Amber Bright	35, 43	(Nagana)		Dark Ind. Yellow	34	Glitters	35	Illini Wampum	28
Amberhue	4, 27	Calif. Yel. Daisy	23	Dark Linda Lou	30	Gloria	6, 37	Illini War Paint	4, 28
Amberina	28	Calif. Yel. Mensa	24	Dark Norma	30	Glow Worm	39	Illini Warrior	27
Amelia	41	(Yel. Nagana)		Dark Orchid Queen	36	Goblin	39	Illini Yel. Snowbound	25
Amer. Beauty Kramer	31	Calumet (H)	26, 40	Dark Peter John	36	Gold Ball	3, 24	Imp. Bronze Daisy	27
Anaconda	35	Calvert's Gold	6, 36	Dark Pink Kramer	32	Gold Braid	27	Imp. Bronze Supreme	28
Anthem	5, 30	Calvert's Pink	6, 36	Dark Pink L. I. Beauty	31	Gold Coast	23	Imp. Dark Supreme	31
Antique	35	Cameo	22	Dark Pink Minuet	31	Golden Acclaim	4, 25	Imp. Early Wonder	41
Apache	39	Canary Wonder	38	Dark Pink Pandora	5, 30	Golden Anniversary	25	Imp. Ind. Yellow	34
Apricot Queen	35	Candlelight	37	Dark Pink Peter John	6, 36	Golden Carpet	38	Imp. Pink Minstrel	31
Apicot Valencia	28	Caprice	6, 40	Dark Riviera	31	Golden Cheer	39	Imp. Red Daisy	27
Arbutus	30	Capt. Cook	29	Dark Valencia	31	Golden Chord	24	Imp. White Supreme	22
Arcadia	20	Capt. J. Smith	41	Dark Yel. Chattanooga	35	Golden Cushion	38	Imp. Yellow Supreme	25
Argyle	31	Caravan	26, 40	Dauntless	35	Golden Glory	34	Indiana Market	33
Aristocrat (Ghse)	36	Cardinal Spoon	40	Dazzler	28	Golden Gopher	38	Indianapolis' Apricot	6, 35
Aristocrat (H)	42	Carlioca	6, 39	Dean Kay	41	Golden Harvest	25	Indianapolis Bronze	35
Arlora	6, 23, 38	Carmine Queen	26, 40	Debonair	23	Golden Herald	23	Ind. Golden Bronze	35
Astoria	6, 38	Carnival	26, 40	Debutante	31	Golden Hours	37	Indianapolis Pink	36
Autumn Beauty	39	Carole	30	December Glory	33	Golden Mensa	24	Indianapolis White	33
Autumn Song	39	Carolyn Yosick	29	December Gold	25	Golden Mistletoe	35	Indianapolis Yellow	34
Autumn Tide	39	Carousel	28	December White	34	Golden Mrs. Ross	35	Indian Head	28
Avalanche	20, 37	Carrara	22	Defiance (H)	32, 38	Golden Pearson	35	Irene	20, 37
Avalon	40	Cassandra	22	Delaware	35	Goldenrod	24	Iron Mountain	40
Aviator	40	Cavalcade	28	Delight (H)	4, 30, 38	Golden Snowbound	4, 25	Ivanhoe	35
Aztec	23	Cecilia	41	Delmar	5, 30	Golden Spoon	38	Ivory Glow	37
		Cecil Beed	41	Detroit	26	Golden Sunset	38		
B		Celebration	5, 30	Detroit News	35	Golden Wonder	38	J	
Ballerina	30	Celestra	34, 43	Dolomite	3, 22	Goldfinch	23	Jackpot	25
Bamboo	26, 40	Chalice	35	Doctor Longley	41	Goldie	25	Jamboree	34
Barbara Fuller	27	Challenge	25	Dreamboat	30	Gold Lace	39, 42	James Eadie	38
Barbara Small	41	Champagne	24	Dream Girl	29, 42	Gold Lode	34, 37, 42	James Stewart	26, 41

Index, Continued

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BLACK CLOTH FOR SHADING CHRYSANTHEMUMS

Style #258 (.001 Light Transmittance).....78c per sq. yd.

Style #575 (.034 Light Transmittance).....72c per sq. yd.

Furnished in 36" widths—wider pieces can be had in multiples of 36" which are sewed together.
Give us your measurements and we will make up your specifications.

FUMICOVERS — Vinyl Plastic

FOR STEAM OR GAS STERILIZATION - PARTITIONING - AND OTHER PURPOSES

3 - Gauge CLEAR - or - BLACK

PRICES

Width	100-ft. Lengths	150-ft. Lengths
6 ft.	\$18.00	\$24.00
6 1/2 ft.	20.80	31.20
8 "	25.60	38.40
10 "	32.00	48.00
10 1/2 "	33.60	50.40
12 "	38.40	57.60
13 "	41.60	62.40
13 1/2 "	43.20	64.80
16 "	51.20	76.80
18 "	57.60	86.40

Special Sizes:

4¢ per sq. ft.

Samples available on request

8 - Gauge CLEAR - or - CHLOROPHYLL GREEN

PRICES

Width	100-ft. Lengths	150-ft. Lengths
6 ft.	\$ 34.80	\$ 52.20
6 1/2 ft.	38.35	57.55
8 "	47.20	70.80
10 "	59.45	89.20
10 1/2 "	61.95	92.95
12 "	69.60	104.40
13 "	76.70	115.05
13 1/2 "	79.60	119.40
16 "	94.40	141.60
18 "	106.65	160.00

Special Sizes:

7¢ per sq. ft.

F.O.B. Chicago

PLANT STAKES

Bamboo Dyed Green (Round)

	Per 1000	Per Bale of 2000
1 1/2 foot	\$ 3.50	\$ 6.00
2 foot	4.50	8.00
2 1/2 foot	5.50	10.00
3 foot	7.00	13.00

	Per 1000	Per Bale of 2000
3 1/2 foot	8.50	16.00
4 foot	9.50	18.00
5 foot	12.50	24.00
6 foot	per bale of 500	10.00

SPLIT BAMBOO STAKES (Dyed Green)

	Per 1000	Per Bale of 5000
12 inch	\$ 2.50	\$10.00
15 inch	3.50	15.00

	Per 1000	Per Bale of 5000
18 inch	4.50	20.00
24 inch	5.50	25.00

PLANT BANDS — WOOD (Stapled)

	per 1000
1 3/4 x 1 3/4 x 2 1/2 in.	\$5.00
2 x 2 x 2 1/2 in.	5.10
2 1/2 x 2 1/2 x 2 1/2 in.	5.40
2 x 2 x 3 in.	5.40

	per 1000
2 1/2 x 2 1/2 x 3 in.	5.80
3 x 3 x 3 in.	6.20
4 x 4 x 3 in.	6.50
3 x 3 x 4 in.	6.40
4 x 4 x 4 in.	7.40